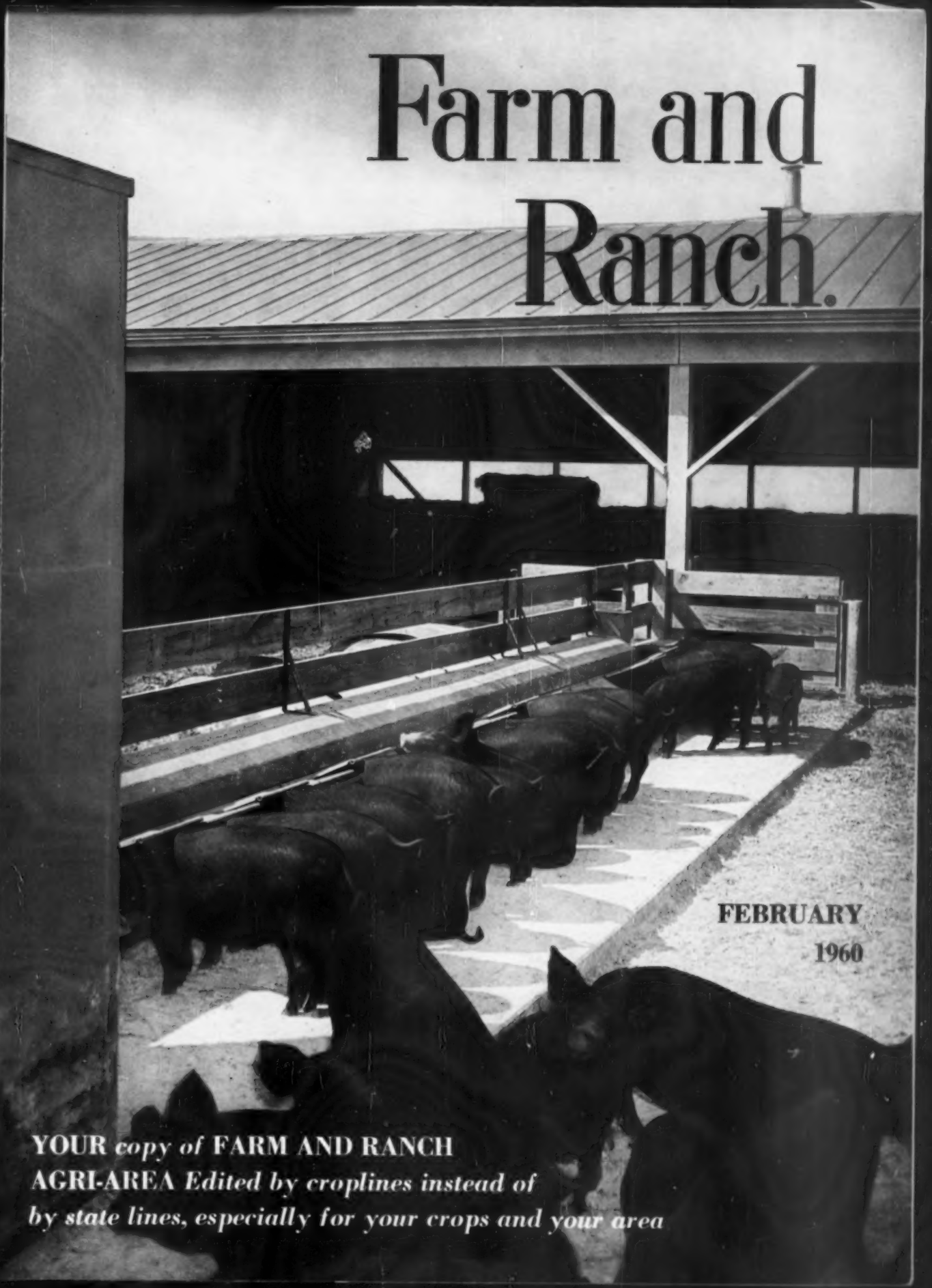
Farm and Ranch.



FEBRUARY
1960

YOUR *copy of* **FARM AND RANCH**
AGRI-AREA *Edited by croplines instead of*
by state lines, especially for your crops and your area

Nobody takes such tender, lovin' care of you as Chevrolet

(and Chevy's cradle-soft ride shows it)

One ride in this new '60 Chevrolet will persuade you most gently that what we say is true. No other leading low-priced car coddles you with Full Coil springs at all four wheels. Or looks after your welfare with Safety Plate Glass in all windows, the convenience of crank-operated ventipanes, the polish and precision of Fisher Body craftsmanship and dozens of other refinements that make a car a comfort to own. Your dealer will be delighted to show you all the considerate ways Chevrolet has remembered you (without once forgetting about your budget):

Roomier Body by Fisher *with a 25% smaller transmission tunnel.*

Pride-pleasing style *(combines good looks with good sense).*

New Economy Turbo-Fire V8 *(makes friends fast by getting up to 10% more miles on a gallon).*

Widest choice of engines and transmissions *(24 combinations in all—to satisfy the most finicky driving foot).*

Hi-Thrift 6 *(built with Chevy's famed ever-faithful dependability).*

Coil springs at all 4 wheels *(with the extra cushioning of newly designed body mounts to filter out road shock and noise).*

Quicker stopping Safety-Master brakes *(specially designed for long lining wear).*

Chevrolet Division of General Motors, Detroit 2, Michigan.

CHEVROLET

the superlative '60 Chevrolet . . . there's nothing like a new car—and no new car like a Chevrolet. This is the Impala Convertible.

Grow a college education in a maize field?

It's not fantastic! And here is why:

It takes approximately $7,000 today to send a person through college. But many farm families are solving this problem. A leading farmer reported a 2000-pound-per-acre increase on grain sorghum, after application of Phillips *66* Ammonia. On 200 acres he cut an added 7000 bushels of maize. He realized $4,200 in *extra* profit, after deducting cost of ammonia. This added income for two years—a total of $8,400—will more than pay college expenses for one person. We recommend that you . . .

Ask your Phillips *66* Distributor to show you the ways the 82% nitrogen in Phillips *66* Ammonia can help you and your family live better through higher profits per acre. He'll be glad to help you work out a *complete fertilizer* program on your crops.

***How Phillips 66 Ammonia PAYS on maize:**

Fixed Cost	Phillips Ammonia	Yield Per Acre	Net Profit
$39	—	50 bu.	$1
$39	**$7**	**85 bu.**	**$22**

* Grain sorghum 80¢ bu. Example only. Results vary, according to soil fertility, available moisture and cultural practices.

PHILLIPS PETROLEUM COMPANY, Bartlesville, Oklahoma

Look for this sign of Better Ammonia Service

PHILLIPS 66

AGRICULTURAL AMMONIA

1,300,000 SUBSCRIBER FAMILIES FROM DELAWARE TO CALIFORNIA

Farm and Ranch

The business of farming magazine

4 Permanent Agri-Area Editions

Editorial Office for this Edition: 833 Exposition Ave. Dallas 26, Texas

FEBRUARY 1960

Vol. 90—No. 2

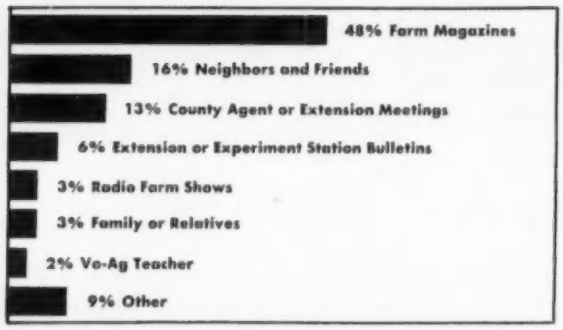
Edited by CROPLINES for YOUR type-of-farming area

SERVING THE SUNBELT OF AGRICULTURE, COAST TO COAST

FARM MAGAZINES, key source of new ideas . . .

Where do you first learn of a new idea, a new practice, a new tractor, a new kind of corn hybrid? Is it from your neighbor? Your county agent? Or from your farm magazine?

Chances are good the answer is "farm magazine." At least the results from survey after survey indicate farm magazines are the key source of the farmer's knowledge of new practices. One of the latest surveys was conducted by Ohio Experiment Station. Note the chart below and you'll find farm magazines leading by a very wide margin.



Sources of new practices information for Ohio farmers.

. . . and FARM AND RANCH, now more than ever!

In recent years, you probably noticed a big change in FARM AND RANCH. Like John R. Posz of Alamo, Tex. wrote recently . . . "I enjoy the numerous articles that you carry in your magazine now more than in past years, for these articles fit into our operation down here in the tip of Texas." That's because FARM AND RANCH is now AGRI-AREA Edited. Your copy each month is edited especially for your crops, climate and type-of-farming. With AGRI-AREA Editing we can bring you each month more new ideas that affect your operation, by eliminating material not applicable to your area. For example, if you live in West Texas, your copy of FARM AND RANCH is different from the East Texas farmer's or rancher's copy, or from the North Carolina tobacco farmer's. No other farm magazine in the country is AGRI-AREA Edited.

We urge you to read the many interesting and informative articles matched to your kind of farming in this and every issue. We welcome your comments.—*Tom Anderson*

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IT'S EASY TO SEE—

nothing beats a John Deere QUIK-TATCH for fast, accurate, comfortable cultivating

John Deere Quik-Tatch Cultivators provide no-strain work visibility for fast, accurate work.

Clear work view is one of many reasons for the outstanding popularity of John Deere Cultivators. Team a Quik-Tatch with a John Deere Tractor—you'll have an outfit that's unbeatable for good tillage, speed, comfort, and low operating cost.

It's easy to see—

No "plumbing" clutters work view with a Quik-Tatch. John Deere Tractor design provides real "up front" visibility for fast, accurate cultivating without neck twisting.

Dodge is quick and positive, because these fine cultivators have lag-free linkage and front rigs work close to front wheels of the tractor. Frame members have plenty of backbone for tough work—won't twist or bend.

Attach in minutes

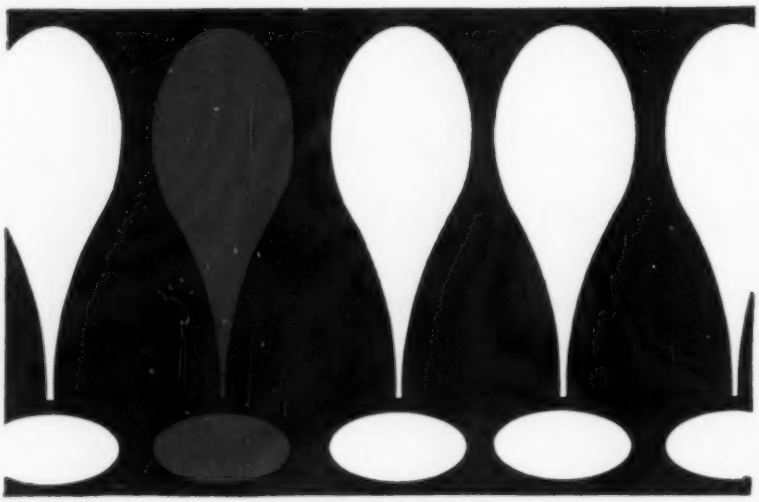
Attaching the cultivator takes only minutes, with no heavy lifting, and detaching is equally fast to free your tractor for other jobs. Easily made adjustments provide complete adaptability. Clearance is ample for high, bushy, or broad-leaf crops. Selective or delayed lift (depends on tractor hydraulic system) speeds work in irregular fields and point rows.

More than 20 models

Choice of more than 20 basic models of Quik-Tatch Cultivators, plus a wide variety of top-quality sweeps and shovels, permits you to match your requirements exactly. See your John Deere dealer soon for detailed information; write for free literature.

JOHN DEERE
MOLINE, ILLINOIS

"WHEREVER CROPS GROW, THERE'S A GROWING DEMAND FOR JOHN DEERE FARM EQUIPMENT"



RED SAYS
EXCITEMENT!

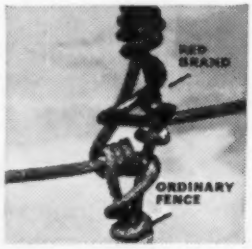
...and the
top red wire
signals the most exciting news in fence

GALVANNEALED®
RED BRAND®

Nothing else like it! Red Brand fence refuses to rust—because it's *Galvannealed.* That's a special Keystone process that fuses rust-fighting zinc right into the wire . . . builds in many extra years of trouble-free life.

RED BRAND shows cattle who's boss, too. So tough it takes abuse that lays ordinary fence flat. Look for the fence with the red top wire at your RED BRAND dealer.

Unretouched photo compares Galvannealed RED BRAND and ordinary galvanized fence after 8 years of use. This was not a planned experiment.



KEYSTONE STEEL & WIRE COMPANY
Peoria 7, Illinois

• Red Brand Fence • Red Brand Barbed Wire • Red Top® Steel Posts
• Gates, Baler Wire, Non-Climbable Fence

LETTERS

• • • I read with interest your account of a California poultryman who found eggs with green shells in his laying house. A good many years ago I heard of chickens that laid blue eggs . . . The California breeder of these Arucana, or Easter-egg chickens, sent me a sketch of the history of them, and I still have it. He stated that if crossed with brown-egg hens, the resulting offspring would lay green eggs. . . . Then three or four years ago I saw Arucana chickens advertised in the *Bulletin* right here in Kentucky. I got some eggs and have been trying to raise a few hens and hope to have a pen of them next spring. . . . These chickens are said to be the result of a crossing of chickens the Spanish brought and a large South American partridge.

Mrs. Edmond Major, Hopkinsville, Ky.

Unselfish Attitudes

• • • We of the Carrollton FFA Chapter would like to take this opportunity to thank you, FARM AND RANCH and your staff for your splendid cooperation in every phase of our work. Your unselfish attitudes toward our activities are to be commended.

We shall ever be grateful for these interests shown in our program. The best to FARM AND RANCH.

R. M. Bagley, Advisor
Carrollton, Tex.

Champagne Milk?

• • • Reading your story about incubating green grass ("Green Grass by Incubation," December issue) I get a lot of figures except the only one worth mentioning. How much does it cost to feed milk cows this way compared with letting them go out and get their own grass? Do the cows give champagne instead of Grade A milk, to pay for it?

E. D. Johnson San Antonio, Tex.

Good question. Author T. L. Crowder doesn't yet know what costs will be compared with other costs and yields. But it is a promising experiment with a new idea.—Eds.

• • • Tom, I don't see how you can keep up such a terrific pace of writing —but God bless you for it.

And how can you get two like you and Bill Kennedy on one publication? . . . May I have some copies of both your and Bill's columns for November?

Dr. Felix Spittler Cleveland, Ohio

(Continued on page 60)

A plow down application of Spencer "Mr. N" Ammonium Nitrate is the way to make sure that your corn or cotton has an ample supply of nitrogen throughout the vital root zone. Read complete details below:

Here's why more and more farmers specify Spencer "Mr. N" Ammonium Nitrate:

Whether you topdress, plow down or side-dress nitrogen, you're better off to Spencerize* with "Mr. N"

By topdressing wheat or oats now you give those young plants the grow-power they need to produce top-profit yields. Be sure your nitrogen for topdressing is Spencer "Mr. N" Ammonium Nitrate. See your fertilizer supplier right away.

No matter what crops you raise, no matter how you fertilize them, it's wise to specify Spencer "Mr. N" as your source of nitrogen. This nitrogen "workhorse" has long been the Midwest's leading brand, and is fast becoming the favorite in this area, too. Here's why:

Manufactured in uniform-sized prills that allow accurate, even spreading, "Mr. N" Ammonium Nitrate is considered tops in ease of application. "Mr. N" can be applied quickly the day or hour that field conditions are just right. Application can often be coupled with other jobs out in the field.

No elaborate or expensive application equipment is needed when you use "Mr. N." It can be applied with a broadcast spreader, end gate seeder, side-dressing attachment or in irrigation water.

"Mr. N" is packaged in the industry's most advanced, moisture-proof bags. It's guaranteed to flow freely—even after a full year of storage under proper conditions.

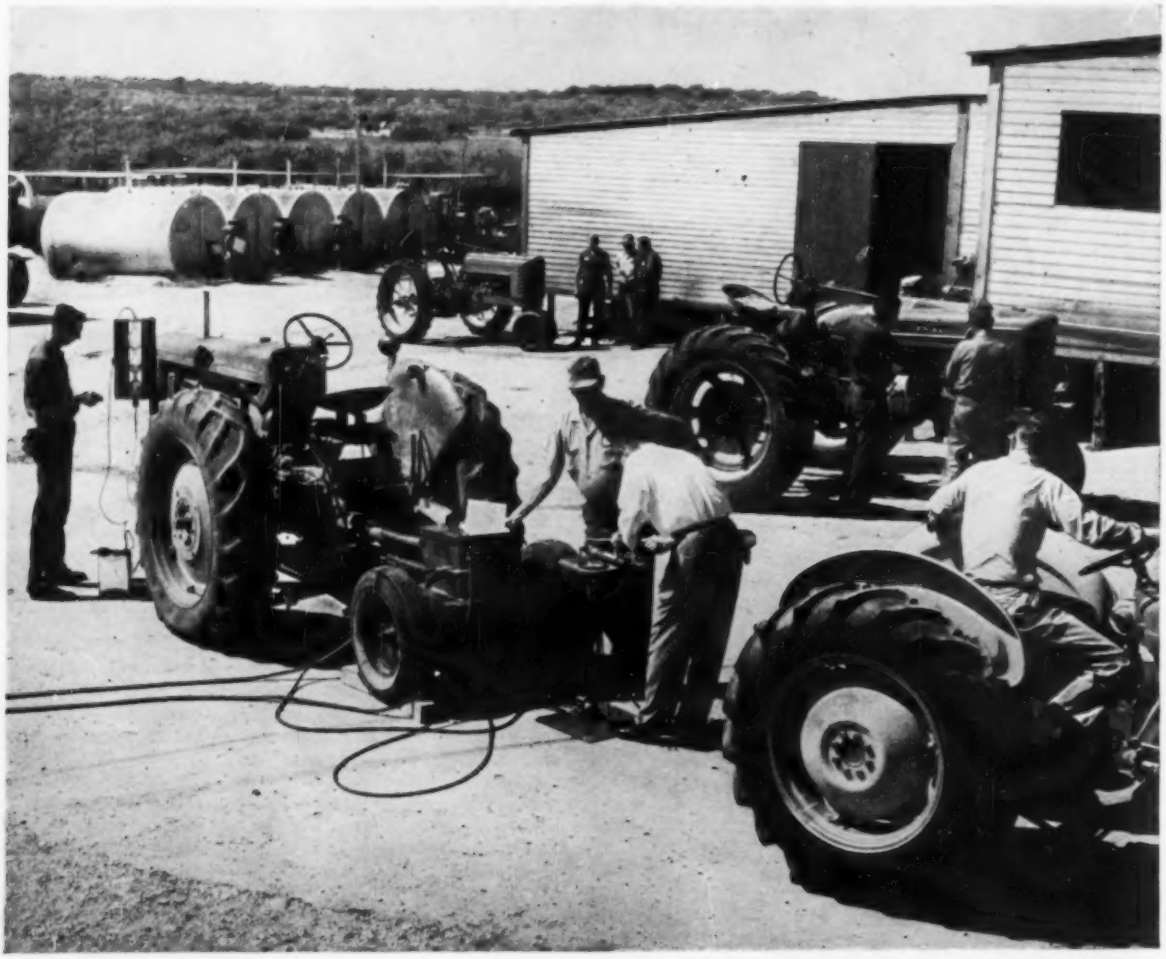
So this year, don't just fertilize . . . *Spencer*ize, with Spencer "Mr. N" Ammonium Nitrate. Your fertilizer supplier has it, or can get it for you.

---

*Spencer produces four nitrogen *Spencerizers*: Spencer "Mr. N" Ammonium Nitrate, Spencer Urea, Spencer URA-GREEEN™ and ANA-GREEEN™ solutions and Spencer Anhydrous Ammonia. These *Spencerizers* work with mixed fertilizer to give you the greatest return per dollar.

Mass dynamometer test shows borderline spark plugs

These tractors came right off farms around San Antonio, Texas. Even though the owners thought their spark plugs didn't need replacing, 45 of the 49 had borderline plugs—with unnoticed or slight misfiring. Here are the surprising facts about how much power and gas these borderline plugs can waste . . .



At San Antonio's Automotive Research Associates, engineers use a power take-off dynamometer to test the pulling-power and gas economy of a tractor before and after new spark plugs are installed.

Said E. D. Steubing, owner of the tractor being tested above, "I found out that even though my tractor *sounded* all right, the plugs were 'borderline' and should have been replaced before they had a chance to waste so much power and gas."

Steubing was typical of the 45 farmers participating in this test who didn't think their spark plugs needed replacing—yet whose tractors averaged 8.98% *more* horsepower and 7.22% *better* gas economy after new Champion spark plugs were installed.

45 of 49 tractors have that waste power and gas!

Farmer Ross Snider (above, listening for signs of misfiring before the test, and checking fuel consumption with engineer) says, "My tractor sounded O.K. and I didn't think it needed new spark plugs yet. But I sure learned you can't always tell when 'borderline' plugs are wasting gas, because the test showed my gas economy increased 7.90% after new spark plugs were put in. Take a time like when you're out pulling a double-disc plow all day, that's quite a gas saving."

Farmer Alvin Santleben (above, watching dynamometer dial that measures pulling-power and checking test results with engineer) says, "My tractor seemed to be running all right, but the test showed that just new spark plugs alone increased the horsepower 13.30% and gas economy 14.41%. It proved to me that you're money ahead in the long run to replace plugs *before* they get 'borderline' and start to cost you power and gas."

Not one of these farmers thought his tractor needed new spark plugs. Yet dynamometer tests showed that, in 45 of the 49 tractors, *borderline* spark plugs were wasting important amounts of power and gas!

If you don't replace spark plugs until you notice poor engine performance, then *borderline* plugs waste your power and gas, too. Prevent this waste. Keep your engines at full power and economy by installing new Champion spark plugs *regularly* — every 250 hours in tractors, every 10,000 miles in cars and trucks.

DEPENDABLE

CHAMPION

SPARK PLUGS

CHAMPION SPARK PLUG COMPANY
TOLEDO 1, OHIO

EVERY MAJOR U.S. TRACTOR MAKER USES CHAMPION SPARK PLUGS

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Straight Talk

by Tom Anderson

HAVE you ever lived higher on the hog than you're living now?", some friends and critics ask. "What're you so upset about? Relax and enjoy it!" Such people who profess to believe the nation is in the best shape ever remind me of the story of Ol' Joe. Ol' Joe's doctor told him he'd have to move to Arizona for his health. He did. And three weeks later they shipped his body back. Two of Ol' Joe's friends were standing in front of his open casket. One said, "Don't Ol' Joe look fine?" "Yeah," the other replied, "them three weeks in Arizona sure done him a lot of good."

The road we're traveling is the road to Socialism, insolvency, and surrender. How can we avoid it? We've got to get to the *cause*. The cause of excessive spending, borrowing, and taxing is the huge, complex federal bureaucracy which has mushroomed beyond the control and comprehension of the people.

Did you know that *none* of the $38 billion collected by the federal personal income tax program is used to finance any activity which is authorized by the Constitution? That it doesn't pay a soldier, buy an airplane, or pay a single governmental salary authorized by the Constitution? That it's used to finance 700 tax-free, rent-free, unauthorized-by-the-Constitution government corporations (such as TVA), which lose $9 billion a year? That the Federal Government could operate without the federal personal income tax?

Did you know that our government spends 1,300 times more now than it did in 1940? Have you figured out what the government is doing for you now that it did not do in 1940 that's worth this awful price? And how much more "good" you can *stand* at that rate?

Did you know that the recent great increases in federal spending have been for non-essentials, not for defense? That since 1954, expenditures outside of defense, atomic energy and foreign aid have grown from $19.1 billion a year to $33.4 billion, a 75% increase?

America's Menace: Neutrals, Within and Without

Did you know that the 271 Americans engaged in our ICA giveaway in Pakistan have been provided with 229 cars, 529 refrigerators, 650 stoves and 666 air-conditioners? That these 271 bureaucrats hired 1,021 natives as gardeners, chauffeurs, guards, clerks—and sent the bills to you? That in the past 10 years we have given $1,375,000,000 in aid to socialist-neutralist India and that India takes our gifts and then buys from Russia? That although our federal debt is larger than the combined public debt of all other nations, we are sending foreign aid to 73 of the world's 86 nations? That our past and present foreign aid programs are taking one out of every five of our personal income tax dollars?

Did you know that 85% of the tax load is carried not by the rich, but by the people who make $6,000 a year or less? That the average American worker who makes around $4,000 a year pays about $1,200 of that in federal, state and local taxes, most of which are *hidden?* Did you know that there are 151 taxes on a loaf of bread? That even if the farmer *donated* his wheat, white bread would sell for 17 cents a loaf?

If your answer to the above is "so what?", then there is no need to finish reading this. If your answer is "Yes, I know it—but what can I do about it?", here's what you can do. Demand that your congressmen work actively to accomplish the following:

Make it illegal, in peacetime, for the Federal Government to spend more than it takes in. Kill federal aid and return to the states or to the people all those powers, rights, privileges and responsibilities not expressly delegated to the Federal Government by the Constitution. Give up all *non-urgent* government spending projects and subsidies. Put all *urgent* projects on a pay-as-we-go basis. Restore the Constitutional checks and balances between the three branches of the Federal Government by curbing the Supreme Court *and* the Executive.

Apply anti-trust laws equally against all monopolies—business, labor and cooperatives—restoring the right to compete in a free market and on an equal basis.

Redouble defense efforts to make America once again invincible. Serve notice now that should America ever face surrender or defeat, our leaders will be tried for treason.

Insist that our foreign policy be for freedom, for right and for America.

Tighten immigration restrictions by strict enforcement of the McCarran-Walter Immigration Act. Kill Civil Service, so a million unnecessary, incompetent and un-American federal employees can be fired.

Get the Government Out, Set the Farmer Free

Repeal the Agricultural Adjustment Act of 1938, as amended, and set the farmer free. Guard the integrity of the dollar just as we do our moral integrity. Support Herman Talmadge's proposed Constitutional Amendment vesting exclusive control of the public schools in the states and local governments. Prohibit mass picketing, violence, coercion, forced union membership, secondary boycotts, industry-wide bargaining, union monopolies, feather-bedding and other make-work rackets.

Teach your children Americanism, old-fashioned patriotism. See that your schools and public libraries have plenty of the books and magazines which unmask the Socialist-Communist conspiracy. Never again vote for lesser of evils. Vote for the best man, regardless of his chances. If no good man is running, try to get one to. Failing that, write-in a name.

See that the libertarian publications are placed in your doctor's waiting room, your library, your barber and beauty shop and other public places.

Read editorial pages, letters to the editor. Learn the true nature of Communism by reading several books on it, like *I Was a Slave in Russia, Witness, The Communist Manifesto, Communism and Christ, Masters of Deceit.* Join the fight with one of the several good libertarian organizations, such as Americans for Constitutional Action, The John Birch Society, Citizens Foreign Aid Committee.

We must use our greatest weapon, spirituality. Horace Greeley said: "It is impossible to mentally or socially enslave a Bible-reading people. The principles of the Bible are the groundwork of human freedom."

It's hopeless? Suppose Washington, at Valley Forge, had taken that position? And Patrick Henry and Thomas Jefferson?

The week end the McPhails fed the neighbors!

Kept them warm, too. Dependable Philgas warmed the McPhails and the Andersons—even when dozens of other homes in the area were without heat.

It snowed, then it rained. That night the temperature dropped. In the morning the countryside glittered under a cover of ice. And the power lines had snapped.

When the McPhails learned that the Andersons, who lived about a half section down the road, were without heat, without means of cooking, they invited them over for the duration.

When the Andersons arrived, a pot roast was simmering on the McPhails' Philgas* range . . . there was coffee, even biscuits. The McPhails had plenty of hot water, and the refrigerator operated by Philgas kept food at the proper temperature.

*Philgas is the Phillips Petroleum Company trademark for its high quality LP-Gas.

A welcome sight. Through all kinds of weather, the Philgas dealer makes his deliveries. And users know that Philgas is not only dependable, it is the most versatile farm fuel in America. Philgas is used for cooking, heating water, heating and air conditioning the house, drying clothes and operating refrigerators in the home. It is also used as a tractor and truck fuel, for crop drying, heating water in stock tanks, and operating irrigation pump engines, among other farm uses. Drop in and see your Philgas Distributor today about Philgas, the dependable fuel—*it's the fuel that never fails.* PHILLIPS PETROLEUM COMPANY, Bartlesville, Oklahoma.

66 PHILGAS *The Complete Gas Service*

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FARMING AHEAD

THE LATEST FIRST

PROPOSED CHANGES IN SKIP-ROW planting for cotton—requiring that at least eight continuous rows be planted before skips could be counted off—has been called off. Too many protests from too many farmers. USDA had figured the change to do away with yield advantage gained by four-row skips.

WANTA FARM FOR DUCKS? USDA wildlife specialists point out that farmers who want to attract ducks have to farm for them. They say the squawkers will stay around wet land and artificial floodlands only if they find ample supplies of feed.

THE 300-BUSHEL CLUB for yam growers in Sampson County, N.C. may have to double its goal. Prize winner Stacy Peterson's top acre yielded 619 bushels this past season.

THREE CRABGRASS GETTERS are now strongly recommended by Va. Exp. Sta.—dacthal, zytron and calcium arsenate. But research men warn that you must use them on your lawn before crabgrass seed begin to germinate in the spring if you expect them to work. (They do not harm bluegrass.)

RAIN GAUGES freeze up and break? Farmer Robert Vidler, of Tom Green County, Tex., puts exactly half an inch of permanent-type antifreeze in his, subtracting this from his rainfall reading. Each time he empties the gauge, he replaces the half-inch of antifreeze by use of a squirt-type oil can.

THIS IS DEMOCRACY? In Fresno County, Calif., the county agricultural commissioner—a powerful figure under state law—has cracked down on one cotton grower and "confiscated" part of his cotton.

The crime? He planted a few acres of Delta Pine cotton. Under California law, that's punishable by as much as $500 fine and six months in jail—because that's not an officially-approved variety; only Acala cotton can be planted in that part of the state.

The official reason: "Delta Pine does not equal the production per acre of Acala 4-42 cotton."

The Fresno County grower—who was experimenting with the forbidden variety—violated the controversial law merely by planting the seed.

MORE RESISTANT BUGS. Now it's grape leafhoppers, in some areas near Fresno, Calif. Malathion, DDT, Sevin and trithion—effective poisons for the bug before now—have been failing to knock him out.

GET UNCLE SAM out of the agricultural financing business, urges John Crocker, a member of the Agricultural Commission of American Bankers Assn. At a New Mexico Credit Conference, he warned that "Easy subsidized credit . . . drives out non-subsidized competitive credit. This places government in a position of deciding when and to whom funds should go."

NEW USE FOR ANTIBIOTICS: Prevent spoilage in silage. Zinc bacitracin checks the growth of undesirable bacteria which causes spoilage. It also increases the flavor of the silage, says Dr. L. S. Rusoff, La. Exp. Sta. researcher. Steers ate more clover or oat silage which had been treated with 5 grams of zinc bacitracin per ton than they did untreated silage, or silage treated with molasses or bisulfite. When fed to cows, the antibiotic did not affect milk flavor or milk quality.

A NEW SOYBEAN VARIETY, Rebel, is available this spring in limited quantities. According to its breeders, it is a medium-late-maturing variety that has out-yielded other varieties by as much as 10 bushels per acre. Its pods are well above the ground and easily combined.

NOW IT'S RABID FOXES, in Washington County, Tex., becoming serious enough for a widespread eradication program. Groups of farmers—concerned about the rabid animal threat to dogs, livestock and humans—are simultaneously putting out poisoned bait for the foxes, under careful supervision.

In other areas, rabid skunks are the threat—also to dogs and humans. This year's bumper crop of skunks apparently has aggravated the problem—also endangering cattle and resulting in some cattle deaths from the rabid skunks.

ONLY 4-WHEEL DRIVE 'Jeep'® VEHICLES

'Jeep' Pick-up Truck

are engineered from the ground up as 4-wheel drive!

7 EXCLUSIVE REASONS WHY 'Jeep' 4WD Vehicles Are Your Best Farm and Ranch Buy!

- **Authentic 4-wheel Drive:** 'Jeep' Vehicles are designed and engineered from the ground up as 4-wheel drive. Others are conversions or modifications of ordinary 2-wheel drive.
- **Lowest Initial Cost:** Your 'Jeep' Dealer offers the lowest priced 4WD pick-up truck, the lowest priced 4WD station wagon, and the exclusive 'Jeep' Universal, America's lowest priced 4-wheel drive transportation.
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- **Only Complete Line of 4WD Vehicles:** The 'Jeep' family of 4-wheel drive vehicles gives you by far the widest choice of models from which to choose.

Phone your local 'Jeep' dealer! Arrange for a rugged demonstration on your farm or ranch.

Forward Control 'Jeep' FC-170 Truck

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'Jeep' Vehicles made only by Willys Motors Willys Motors, Inc. Toledo 1, Ohio, U. S. A.

Save $26 to FORD Farm

That's your first saving—but not your last! Save again with twice the tire life! Again with 25% greater gas mileage! And it's all certified in tests by independent experts!

We're talking about big money . . . real money . . . *your* money! And there's no question about saving it! Of all the leading makes, Ford farm trucks are the lowest priced, straight across the board! But price savings are just the start!

Truck-type suspension cuts tire wear

Ford pickups are mustang-tough—built for the roughest going, with a proven truck-type front suspension. However, some 1960 trucks use a "soft-type" suspension which wears out front tires twice as fast. Certified tests by independent engineers* have proved this. And the difference in wear, over the life of a pickup, can amount to $300 in tire savings . . . even more in the bigger Ford trucks!

Highest in gas mileage!

1960 Ford pickups are gluttons for *work*—not for gas! That's proved by certified economy tests of Ford's modern six-cylinder engine! It's the same dependable cost-cutter that got 25% more gas mileage than the average of other trucks in Economy Showdown, USA!

Signed, sealed, CERTIFIED savings!

Yes, this year, if you buy a Ford, you can be sure to save—Ford's economy is certified! Check the certified records yourself in your Ford Dealer's "Certified Economy Book". . . see and drive the new Ford Trucks . . . check the price tags . . . *and you'll save for sure!*

FORD TRUCKS

$246 on a Truck!

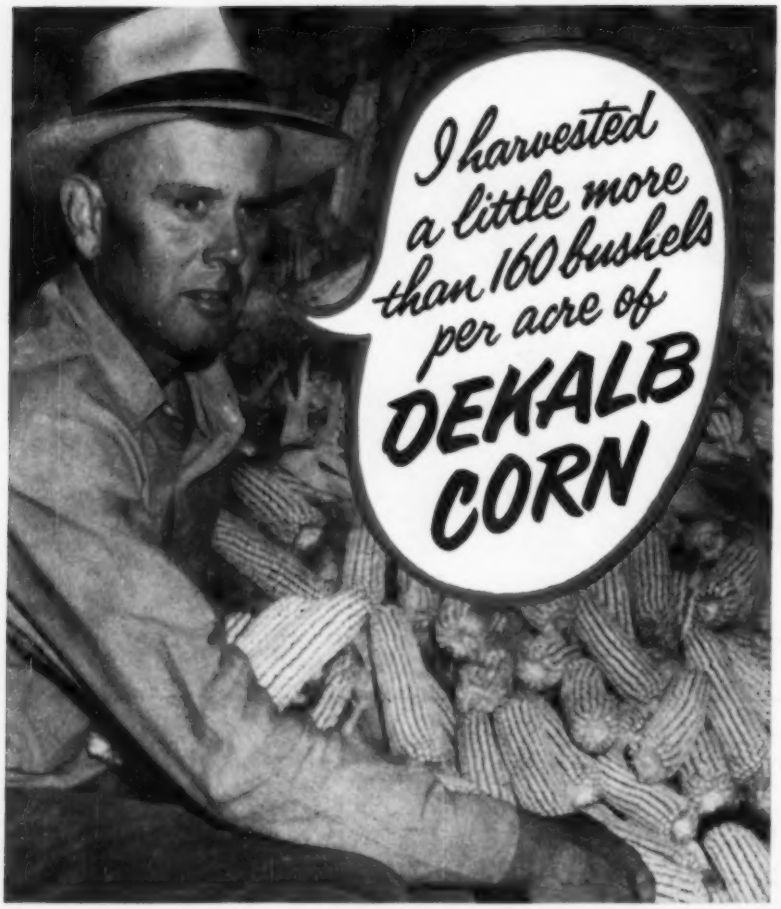
PRICED BELOW ALL OTHER LEADING TRUCK MAKES**

	FORD SAVES YOU:
HALF-TON PICKUPS	
F-100 CLASS	$33 to $181
3/4-TON PICKUPS	
F-250 CLASS	$32 to $185
TON-AND-A-HALF STAKES	
F-500 CLASS	$26 to $246
TWO-TON STAKES	
F-600 CLASS	$33 to $141

**Based on a comparison of the latest available manufacturers' suggested retail delivered prices, including Federal excise tax, excluding dealer preparation, conditioning and destination charges.

*Names on request. See your Ford Dealer.

COST LESS *. . . LESS TO BUY . . . LESS TO OWN . . . BUILT TO LAST LONGER, TOO!*



IN TENNESSEE . . . "In one field this past year, I harvested a little more than 160 bushels per acre . . . which tells you exactly why I have come to depend on DeKalb. I like the ear quality, standing ability even with thick planting, ease of picking and consistent high yields. If you are looking for corn that has all the desired characteristics, I recommend DeKalb Corn". . . Mr. Hailey Neely, Elbridge, Tennessee.

SATISFACTION IS THE STORY IN OTHER AREAS OF THE SOUTH, TOO!

in TEXAS

"I planted DeKalb alongside another brand of corn in 1958. The next year I planted DeKalb and still another brand. In these two years I've seen enough DeKalb superiority that from now on I'll plant only DeKalb. DeKalb has given me excellent germination, good yields and exceptional picking. . . . Mr. A. J. Miller, Waller, Texas.

in GEORGIA

"DeKalb is the finest corn I have ever seen. Stiff stalks keep it standing and the ear height is just right for picking. Ear quality is the best and it's protected by good husk coverage. We checked the yield on a field of DeKalb corn and it showed over 125 bushels to the acre. With this kind of yield I can make money." Mr. Neal C. Dobbs, Cartersville, Georgia.

DEKALB AGRICULTURAL ASSOCIATION, INC., DEKALB, ILL.
Commercial Producers & Distributors of DeKalb Seed Corn, DeKalb Chix & DeKalb Hybrid Sorghum.

PLANT DEKALB . . .
the Corn with the Real Southern Accent

Coming: Better

FROM ultra-modern engineering research centers of farm equipment companies and experiment stations over the country come these hints on what lies ahead in the way of machinery on the farm. These were reported at the December meeting of American Society of Agricultural Engineers. While some await development for a more distant future . . . others will come your way soon:

To take the human error out of the measurement of cotton fibers, will come an instrument that uses electrical resistance to determine the length. Experimental equipment that is fast and accurate is being tested at Texas A&M College by agricultural engineer A. W. Hartstack.

Automatic pre-mixed dairy rations. Barn equipment that will mix a concentrate ration of grain and meal, then blend the concentrate with ground roughage and meter out selected portions to cows in the milking parlor has been "working successfully" for several weeks at the Illinois Experiment Station.

A gas turbine crop dryer has been tested and proved "feasible" at the Iowa Experiment Station. Test equipment is not practical, say the engineers; but they add: ". . . it is reasonable to expect mass production methods (in the automotive field) to lower costs to the point where such engines may be used economically in the farm field"—and with some big advantages over present machines.

Thin-shell concrete roofs for farm construction is another outlook. Built like an egg shell (and using the same principle), this construction will not be a do-it-yourself proposition. But with the right kind of engineering, Earl Bell of the Oklahoma Extension Service reports, these "moulded" roofs of almost indestructible quality can be built at prices comparable to steel construction.

Pneumatic grain handling looks like a sure shot for the future. In experiments at College Station, Tex., experiment station engineers are using pneumatic pressure conveyors to move grain sorghum containing up to 17% moisture—passing it through elbows without apparent damage to germination qualities.

Plastic sheds for livestock. Plastic-covered buildings have been used suc-

cessfully as sheep shelters at the Hopland field station in California—can be built at a cost of 7 to 10 cents per square foot of floor space. Report claims saving of one lamb per 100 ewes, or 1½ extra pounds of gain per lamb. The buildings can be depreciated in one to two years for income tax purposes. (But don't try to put one up on a windy day.)

More "catchers" for fruit harvesting. Orchardists can afford tree harvesters in some areas because of the high cost of hand harvesting, but most fruit collectors, or "catchers" have interfered with the use of tree shakers because of their height. USDA and experiment station engineers in California think they have solved the problem with some new "low profile" fruit-catching equipment.

Pellets tested for durability, and guaranteed to hold together under reasonable handling and hauling may be the only kind farmers have to accept. One company (Farmhand) has developed its own drum shaker to test pellet durability.

Portable plastic ditches, for use in open irrigation where this type irrigation has been impossible before, have been built by a research chemist of International Harvester Co., Hinsdale, Ill. Created from larger-diameter irrigation tubing, the "ditches" take water where land grading is impractical (and cut out loss of water by absorption). The scientist is also working on a low-cost collapsible plastic tubing for high-pressure *sprinkler* irrigation.

Family-sized filtration plants that will purify farm water for household use look likely to prove practical in tests at University of Missouri. Small test unit is now supplying purified water for a family of four.

An automatic "candler" for eggs has been developed by USDA engineers. With a device called a "photometer," blood-spot eggs are automatically rejected from a passing belt on which the eggs are transported.

Other New Developments:

Use of solar energy for indoor crop drying is being tried with success by Chester Davis at Kansas State College.

Hay wafering techniques and equipment are coming along rapidly, reported W. M. Cade, of International Harvester.

A centrifugal threshing machine for small grains shows great promise in the experimental stage at Ohio State University.

A light-weight, flexible-use egg storage cabinet for farm use is being developed at the University of Massachusetts.

Mechanical cucumber pickers are under test and development by John Deere Harvester Works.

And a tomato harvester is being tested by the Horticulture Department at Michigan State University.

HOW TO MAKE YOUR BUILDING DOLLARS GO FARTHER!

USE THE INLAND PLAN SERVICE

You can get expert help from a leading farm authority in planning a steel-pole building for practically any use — one that costs less to build and keep up, saves labor, increases efficiency, builds profits. The INLAND PLAN SERVICE, prepared by Dr. H. J. Barre, outstanding agricultural consultant, includes simplified floor plans, tips on figuring size requirements, other useful facts. Send for your plans now.

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I am interested in an Inland LOK-FRAME Building.
Please have your dealer contact me.
Enclosed is $_____ for the set of plans checked:
☐ No. LFP-A—Machinery Storage (13 bldgs.), 25¢
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All four sets of plans, $1.00

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LOK-FRAME • STEEL-POLE BUILDINGS HEAVY GAUGE ALL-GALVANIZED NB-32

Try this new Hybrid Forage Grass

Produce low-cost livestock feed, rich in protein and Vitamin A, ideal for grazing, hay or ensilage

- ★ High feed value, palatable and nutritious
- ★ Up to 14% protein, 150,000 Units of Vitamin A
- ★ Good sugar content, all livestock like it
- ★ Growers report cheap beef gains, high milk production
- ★ No bloat reports after 3 years of grazing
- ★ Perennial type plant, easy to grow, drouth resistant

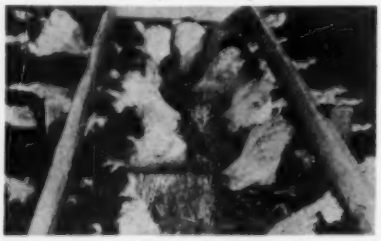
GRAZING REPORTS show low-cost beef gains, increased milk production for dairy cattle, seasonal capacity of 2 to 5 head per acre. Yearlings gained over 2 lbs. per head per day without supplement in many tests. Sheep, horses, hogs and goats like it and do well on it, producers say.

Growers say—"Best forage crop we've ever tried, beats anything!"

This new *high-production strain* of Sorghum Almum Grass was introduced from Australia just a few years ago. In the last two years, stockmen in every part of the nation have tried it with outstanding success. Plantings on both irrigated and dry land show high production on many different types of soils, from clay to blow sand, under a wide variety of growing conditions.

Grows from 5 to 14 feet tall. Leaves are broad, shiny-green, rich in vitamins. At proper cutting time, stalks are succulent, tender and sweet. Makes an ideal forage that all livestock like. Yields heavy tonnage — up to 30 tons or more of ensilage, 8 to 12 tons of hay per acre are reported.

Hundreds of enthusiastic letters from Florida to Oregon, New York to California say—"Everything you said it was," "It's the coming hay in our part of the country," "Beats anything we've ever tried," "Best pasture I've ever seen," "Increased both our milk production and cream test," "Cattle go for it like kids eat candy."



PALATABILITY TESTS in Colorado show cattle and calves often prefer Sorghum Grass hay to good alfalfa. Equally good for feed when green chopped, dehydrated and pelleted, or dried in bundles. Dry winter stalks test up to 9% sugar, make ideal roughage for mother cows or yearlings.

"Most promising new crop to reach the U.S. since alfalfa," Stockmen declare.

Find out for yourself how this new forage grass can fit into your livestock program on your own farm or ranch. Takes only 1½ to 4 lbs. of seed per acre, produces tons of feed. Many reports of good crops "where nothing else would grow." Don't delay, order your seed now!

ORDER NOW FOR SPRING PLANTING

Special 5-Acre Test Offer, with Grower's Bulletin (10 lbs.) Postpaid in U. S. $12.95

Stockman's 12-Acre Grazing Test, with Grower's Bulletin (25 lbs.), Postpaid $29.95

(Prices subject to change without notice.)

ORDER DIRECT FROM—

NEW MEXICO *Seed* FARMS

P.O. Box 1002—Clovis, New Mexico

Fertilizer Cheaper'n Feed

"IT'S cheaper for me to buy fertilizer than it is to buy protein feed," says D. L. Valliant, Rogers, Ark.

He pours the fertilizer to 72 acres of Midland Bermuda; tries to graze one cow for each 1½ acres of pasture and still raise enough hay for 70 head of cattle. This year his 8-month-old calves averaged 568 pounds at weaning.

Valliant doesn't feed any grain or protein, and only feeds hay during the worst winter months. The rest of his 160-acre farm is in fescue for fall and winter pasture.

Last year, on an 8-acre plot of Midland, Valliant cut 6 tons of hay per acre—two and a half times more than the yield of his other Midland fields. To produce it, he fertilized with 400 pounds of 10-20-10 per acre on March 3. Following were four applications of nitrogen fertilizer (33½-0-0) on May 1, June 8, July 10 and September 26.

Hay was cut on June 6 (2,358 pounds per acre), July 8 (3,664 pounds), August 5 (2,640 pounds) and September 11 (3,016 pounds). The last growth was grazed in October by 50 head of cattle, on the plot for two weeks.

Valliant didn't test the protein content of the hay. "The cattle ate it as if it were cake," he says. "It had the best green color I ever had in hay." (Where hay is fertilized as his was, protein content has run as high as 23%, with an average of 13% protein.)

He found last year that he could get an early hay crop, too. A seeding of oats and crimson clover in the Midland during the fall produced 20 tons of hay before the Midland started to grow. Valliant fertilized the second crop with 200 pounds of 10-20-10 per acre early in the spring.

Valliant has found five things necessary to get Midland off to a good start:

1. Use live, moist roots with 15-inch runners.

2. Setting on June 15 gave him the best stand he has had. But he has gotten a good stand when Midland was sprigged as late as mid-July if plenty of moisture was available.

3. Plow land deep, work it up, then prepare shallow furrows about 3 feet apart for the Midland sprigs.

4. Harrow lightly about two weeks after sprigging to kill weeds, give Midland a chance to grow. Then put on nitrogen.

5. Fertilize and lime according to soil test.

NOW!

A SPECIAL OFFER FOR READERS OF THIS MAGAZINE!

GET-ACQUAINTED HALF-PRICE OFFER!

To receive FARM JOURNAL you or someone living with you must be able to answer Yes to one or more of the seven questions below.

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3. ___Yes No___ Rent a farm from someone else?
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The regular price is 12 months for $2. You can get FARM JOURNAL at this special price of 12 months for only $1, if you can answer Yes to one or more of the questions above. Fill in your name and address below.

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FR-1

TEAR ALONG PERFORATED RULES

By Gerald Dearing

COTTONCAST.®

- *No choices yet*
- *No parity juggling this year*
- *More money for lower grades*

FARMERS are expected to wait until the announcement of the January parity and the price support level for 1960, both expected before January 31, before making their decision on the Choice A or B plan in 1960. One-sixth of the eligible farmers voted marketing quotas on December 15, thus putting the Choice Program into effect. Of those who voted, 95.2% favored the quotas. The five-sixths who did not vote gave no record of their views.

THE PRICE SUPPORT LEVELS in 1960 will be no less than 75% of parity for Choice A, 60% for Choice B. There are those who think that the supply formula used in determining the price support level will force higher supports. They will not! The crop estimate on which the supports will be based will be high—higher than 16,000,000 bales. Exports and domestic consumption will be at conservative figures. Don't plan on getting more than the minimum.

FARMERS HAVE NOT FORGOTTEN the juggling of the parity figures last year. Making plans on the basis of an expected increase, they found that the index had been revised downward and parity was more than a cent a pound lower than expected. No such major revision is expected this season. Instead, the dropping of one year in the base and the addition of another is expected to add about 45 points to the parity, assuming that the index does not change between December and January. A parity in the neighborhood of 38.50 cents is not improbable.

THE FARMER may not get the full effect of this increased parity, however. Parity is based on Middling 7/8 inch. The loan differences are quoted on or off Middling one inch. The loan differences reflect the market prices in the previous year as quoted on the 14 designated markets. In 1959 the difference between 7/8 and one inch was 370 points. It is narrowing this season and has dropped to 350 points and is still going down. Should it narrow to 325 points, the grades and staples over Middling 7/8 inch would lose part or all the advantage of the increased parity. With all the factors involved, the Choice A farmer should have an average support (purchase price) of between 32.15 and 32.50 cents in 1960. The Choice B loan should be between 26.40 and 26.75 cents. All figures are for Middling one inch. Loan differences, however, will NOT be announced until May. The late January announcement will cover only the 7/8 Middling value—what percentage of what parity.

ONE THING SEEMS CERTAIN—the farmer will get better loan and purchase values for the low grades in the 1960 season. The heavy bidding for low grades from the 1959 crop reduced discounts as much as 500 points in some instances. The average of these lower discounts will be the loan differences. The lower grades of White cottons, the spots and light spots will command relatively higher loan values in 1960. Some may have physical prices as high as those in 1959, in spite of the lower percent of parity loan.

GREATEST BARRIER to legislation is the success of the present program in moving cotton. Domestic mills are stepping up offtake and exports have been far above expectations. Payment-in-kind registrations—which reflect cotton sold for export—are at the five million bale mark—an average of a million bales for each of the five months of the current season.

IN ADDITION to this, mills and foreign buyers are booking shipments for August and September, cotton that must come from the old crop supplies. This means that mills and shippers both will carry over greater supplies of cotton this year than last. The CCC stocks of the carryover cotton were 7,041,684 bales last August 1. The step-up of offtake this season, the increased carryover in private hands, should cut the cotton in the hands of the CCC to 5,000,000 bales or less on August 1, 1960. Authors of the cotton legislation will point with pride to the fact that government stocks of cotton have declined when those of other commodities have increased.

Put new-formula Medic-Aid® in drinking water for protection against stress and infection

Help your chicks get off to a fast start—fill 'em up with Dr. Salsbury's new-formula Medic-Aid drinking-water health builder. Medic-Aid is now better than ever—contains **9 necessary vitamins** plus high levels of disease-fighting antibiotics, **streptomycin** and **penicillin.** Dissolves instantly in drinking water. Costs less than 1¢ per chick for enough Medic-Aid for 4 full weeks. For the best chicks you ever raised, get Medic-Aid when you get your chicks. Also, ask your dealer for a free copy of Dr. Salsbury's Poultry Health Messenger. This colorful management guide can help you make this year's flock the most profitable you ever raised!

LOOK FOR THIS DISPLAY

...on the counter at your local Dr. Salsbury dealer's store. It contains special "Chick-Chek" packages of new-formula Medic-Aid.

Dr. SALSBURY'S Charles City **LABORATORIES** Iowa

NATIONWIDE SERVICE TO THE POULTRY INDUSTRY

POULTRYGRAM

(New ideas and current information for poultrymen)

NEW POULTRY PRODUCT: TURKEY LIVERWURST? In South Carolina, Clemson's Department of Technology is developing a liverwurst product made from turkey livers, gizzards and necks.

"BUY YOURSELF A BUZZER," advises Assistant Agent Hugh Ables of Cherokee County, N.C. He says a warning buzzer that sounds when your brooder fails or a fuse blows can be a chick saver.

OILED EGGS HOLD THEIR GRADE. In tests conducted by North Carolina State College poultrymen, eggs sprayed with oil graded mostly A after 10 days at room temperature—while eggs from the same batch that were not oiled graded B. (Used aerosol spray egg oil.)

THE BEST STARTING TIME for broilers, from standpoint of production cost and profit, is from second week of March through third week in July—and from last week of December until first of February. And the least favorable period is from mid-August to mid-December. So says John Buck, Va. Exp. Sta. economist, after studies over a five-year period.

STEAM JENNY for the broiler house. Broiler grower Verlin Jones of Murphy, N.C. watched a mechanic cleaning an auto motor with a steam jenny and decided to try it in his broiler house. It works—he says it cleans and disinfects at the same time; and saves him a week's work after each batch of broilers. He puts the jenny in a pick-up, starts at one end of the house, cleaning floor, ceiling, waterers and feeders as he moves down the line.

THE "HENNY PENNY" PROGRAM. In North Carolina, poultrymen will vote next April 2 on a plan to charge themselves a penny a hen, the money to be used to promote North Carolina egg sales. If two-thirds vote in favor of it, pennies will be collected as hens are culled and sold.

SECRETARY FLEMMING is "more interested in headlines or political power than in either producers or consumers. . . He has chosen to use the prestige of his office and the medium of personal publicity to cast suspicion on safe and healthful food," Charles B. Shuman, president of Amer. Farm Bureau has charged. The accusation followed the ban on stilbestrol-treated poultry, and announcement by Flemming, Secretary of Health, Education and Welfare.

And American Feed Manufacturers Assn. has joined Animal Health Inst. in warning livestockmen as well as poultrymen to be extra cautious in use of all medicated feeds strictly according to instructions. Failure could "lead to serious consequences for all segments of the industries involved," warn the two groups.

You'll be money ahead when you buy Barbed Wire WITH YOUR EYES WIDE OPEN

Buying barbed wire is a transaction you should enter into **with your eyes wide open.** At first glance barbed wire of uncertain origin and quality (that varies from too soft to too brittle) may look like a good buy.

But take a second look! As reported in a leading farm publication: "Where samples of foreign wire are analyzed and tested, it frequently falls far below American standards of length, gauge, quality of steel, galvanizing and workmanship."

That's why it pays to buy Sheffield "100" High Strength Barbed Wire. Look what you get:

1. Sheffield "100" Barbed Wire tests up to 20% stronger than ordinary barbed wire. Yet it's pliable and easy to handle.
2. Has a tightly bonded coating that fights corrosion to give you extra years of service life.
3. Has evenly spaced 2- or 4- point barbs with never a skip.

So for the finest in fence at lowest cost per year, stop in at your Sheffield dealer's and see the quality in Sheffield's "100" High Strength barbed wire.

Remember, its quality is assured by steelmakers who have *stood behind their fence products for more than 30 years. Steelmakers who are neighbors of yours* who cannot afford to supply you with anything but the best.

See Your Sheffield Dealer For All These Quality Steel Products

Woven Wire Field and Poultry Fence • Barbed Wire • Smooth Wire • Ornamental Fence • Steel Gates • Coiled Baling Wire • Bale Ties

Nails and Staples Regular, Screw Type and Ring Shank Brads, Small Nails, Tacks and Spikes

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(Advertisement)

Scientific Test Proves Steers Gain More Daily

A scientific feeding of 271 steers in the largest commercial feedlot in Texas demonstrated clearly the superior results produced by a highly effective worm killer.

The steers were divided into two pens for a 90-day test and were fed exactly the same rations. Pen A contained 135 steers which were drenched with Tena-Bov, a cattle wormer made with "purified" phenothiazine. Pen B contained 136 steers which were drenched with ordinary green phenothiazine. Worms were not a serious problem in these cattle.

During the 90-day period the steers drenched with Tena-Bov made an average daily gain of 2.54 pounds at an average cost per pound of 22c. Those treated with ordinary green drench made an average daily gain of only 2.32 pounds at a cost of 24c per pound. Total weight of pen A (drenched with Tena-Bov) was 30,832 pounds. Pen B (given ordinary green drench) gained only 28,379 pounds. Thus by actual weight the pen of steers treated with Tena-Bov Drench gained 2,453 pounds more than those given ordinary green drench.

For example, a fair market price of 25c per pound would make the steers in pen A worth $613.25 more than those in pen B.

Worms cost you money every day, whether your cattle are on pasture or in the feedlot. By getting rid of these costly parasites . . . your cattle make bigger gains, better grades and more profit for you at less cost. Tena-Bov is available through your dealer. Texas Phenothiazine Company, Box 4186, Fort Worth, Texas.

Kill Worthless Trees

Used by U. S. Forest Service

THE REUEL LITTLE TREE INJECTOR

Makes it easy and economical to kill trees in timber, or kill worthless trees in pastures. Easy to use and carry, weighs only 11 lbs. No re-sprouts. Safe for livestock. No crop damage. Cost about $4 per acre. Sure kill every time. Used by U. S. Forest Service. Without obligation, get the facts about this new injection method of killing unwanted trees.

Write for Free Booklet

REUEL LITTLE TREE INJECTION CO. Medill, Okla.

Livestock Letter

the Latest First—on beef, dairy, swine, sheep

A HANDY, FEED-SAVING HAY RACK was quickly and easily designed and built by Ted Bissette, Spring Hope, N.C., out of woven hog wire. He fastened it together in V-trough fashion, strung it between steady posts. Cows can pull through only a mouthful at a time—waste little hay.

NEW LIVESTOCK SHIPPING regulations, imposed because of screwworm, are in effect now: No restriction on shipments from Florida into other states, but California, New Mexico and Arizona are now added to Southwestern states (Texas and Louisiana) which have year-around controls on livestock movements (from those states into the Southeast eradication area).

EARLY LAMBING—before Jan. 1—makes farm sheep pay off with nearly $31 (gross) per ewe per year, for A. F. Leach, Benton County, Ark. Leach sold 132 choice mutton-type lambs from 115 ewes last year. Most of the lambs were dropped by October; any ewe not lambing by end of December is sold.

TRANQUILIZER DRUGS—as feed additives—still aren't proving up to their earlier expectations. At least, Tex. Exp. Sta. at Spur reports from most recent tests that adding either tranquilizer (2.5 mg.) or tranquilizer plus terramycin (80 mg.) has failed to increase steer gains. Steers getting stilbestrol plus tranquilizer and antibiotic have gained only 3.41 pounds per head daily; with just the stilbestrol, they've gained 3.72 pounds.

THE CATTLE-NUMBERS buildup and fall price decline followed a pattern foreseen by Snyder, Tex. ranchman Harrie Winston, who has long maintained that the boom and bust cycle is always the same, always predictable.

Winston says first stage in restocking after a drouth and low-price period is the "ranchman" stage—bonafide cowmen buying breeding cattle. Second, when confidence builds, is the "trader" stage, when speculators begin to increase prices. Third, and inevitable prelude to a bust, is the "drugstore-cowboys" stage, when outsiders are lured into overproduction and price inflation by prospects of easy money.

NEW HOG-HAUL GIMMICK. Agri. Marketing Service (USDA) says you can save plenty on shrinkage and death loss by installing sprinkling equipment on your truck for keeping the porkers cool on hog hauls. (Estimated savings of up to $72 per truck on long hauls during test runs.)

Poultry: Price Outlook about the Same

LOOK for broiler prices to average between 16 and 17 cents during the first half of 1960. That's the latest forecast by the Poultry Survey Committee of the American Feed Manufacturers Assn. That average will be about the same as broiler prices during the first half of 1959.

Egg prices to mid-1960 will average about 31-32 cents, predicts the committee. Prices from April through June will be a little *higher* than the average price of 26 cents during the same period of 1959. That'll offset the slightly *lower* prices (lower than the 36-cent average of last year) from January through March.

The laying flock during the first half of 1960 will average about 4% smaller than a year earlier, as the committee sees it. This will mean that total egg supplies during this period will be a little less than during the first half of 1959. However, the supply will probably catch up again in late 1960, because of the 2 to 4% increase in hatch of replacement chicks, expected through June of this year.

Turkey prices during the first half of 1960 will average higher than 1959, the committee predicts — although there will probably be an increase of 5 to 8% in the turkey crop (above the 82 million raised in 1959). After mid-year, however, turkeys will move to market at prices *below* 1959 levels.

Borrowing Too Much From Too Many?

SELLERS' use of credit as a sales tool to sell farmers on buying a particular item often leads farmers to make debts in too many places, warns H. A. Miles, Farm Credit Administration's short-term loan director. Farmers can soon build up a debt load that is hard to handle if an emergency arises, he says.

Miles points out that credit wisely used for machinery, for better livestock or for improvements can help you make a reasonably good living.

Concentrating your credit with Production Credit Associations or banks, then buying through service and merchandising cooperatives and through dealers, can help you bypass borrowing pitfalls that might get you into financial trouble.

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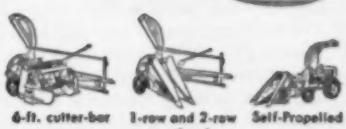

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Can Jim Patton puncture a dream?

Sabotage in The Hall of Fame

". . . This shrine will be a symbol of promise for a better future for farmers of the world . . . who have been living off the crumbs of the economic table while others grow wealthy and fat."

With this "line"—which you'll recognize as by no means original with the speaker—President Jim Patton of the Farmers Union did more toward killing the infant Agricultural Hall of Fame than all the men dedicated to it may be able to overcome.

Patton—who said from the beginning he would have nothing to do with the project if it was to include such "exploiters" of farmers as the vulgar corporations who manufacture farm products, and who refused to be a Director of the organization because the Board included manufacturers—may get the satisfaction of being the one to destroy it. The quote above is taken from the speech he made in "dedicating" the Foreign Section of the Hall of Fame . . . which he was asked to do because he is (also) President of the International Federation of Agricultural Producers.

He went on to say that ". . . the great majority of (farm) populations, living in a shadow between freedom and totalitarianism, are working the land under conditions of second-class citizenship, if not outright slavery . . ."

When it was announced that he would make the speech, Hall of Fame President Harold Cowden, a Kansas City co-op big-wig, was frowned upon by some members of the organization (and one dignitary scheduled to appear on the rostrum with Patton suddenly came up with a case of the gout—and couldn't make it). But when "Big Jim" came up with his statements about down-trodden farm people the lid really blew off.

First reaction was the break-up of the wealthy and powerful fund-raising committee, starting with resignation of its chairman, Raymond Firestone, and other leading members. How much further reaction will come of using the "Hall" as a vehicle for Patton's propaganda is not yet certain.

But one thing is certain—with big business out of it, fund raising will not be easy. The Hall of Fame could end up under the thumb of Jim Patton and his co-ops . . . or fizzle to nearly nothing. Either way it would

(Continued on page 29)

. . . and farmers like State Farm's kind of down-to-earth LIFE insurance, too.

It's an old saw but a true one: nobody knows the value of a dollar like a farmer, because he bends his back to earn every penny of it. Farmers like to get their money's worth in life insurance, too. That's why so many of them own policies with State Farm. You get the same good deal our companion company has always offered on *car* insurance . . . top-notch protection at rates the average family can afford. State Farm was founded by a farmer, for farmers, 38 harvests ago. We still have more full-time agents in rural communities than any other company. Next time you think about adding life insurance, call in the State Farm "Family Insurance Man." He's the same good friend who serves our car insurance customers, and he's listed in the phone book.

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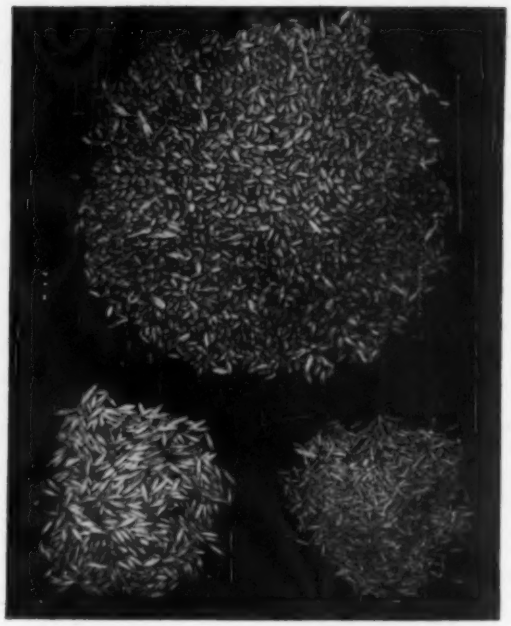

Mongrel wheat seed containing 2,125 other crop seed shown at lower left and 6,715 noxious and common weed seed per pound shown at lower right was actually planted for commercial crop production. Pure seed is shown at top.

IF your crop yields last year were less than expected, don't blame it all on the weather, insects and diseases. Some of the trouble may be the kind of seed you planted.

Planting just any seed is a gamble. You can't tell what the seed is capable of doing just by examining it. With certified seed, you cut the odds. Before seed can be certified, it must at least meet prescribed standards of germination, varietal purity, adaptation and freedom from weed seed. And noxious weed seed can cause plenty grief. "Even 8 or 10 seeds per pound can mean $10 or $15 cost per acre in weed eradication," warns Edward Davis, New Mexico Crop Imp. Assn.

Whether good or bad, seed is a minor item in the overall cost of producing a crop. There's no justification for loss in yield and quality from poor seed when you consider high costs of land, equipment and labor. But can you afford to buy good seed? It may cost more per pound but isn't always the most expensive. Just look at the seed tag and do a little figuring.

The simple way is to multiply the *germination* by the *purity percentage*. (For example, 80% germination X 60% purity equals 48% pure-live seed—PLS). Then divide the answer into the price per pound. (For example, $1 per pound divided by 48% PLS equals $2.08 per pound of PLS.) You may find the cheapest seed the most expensive from a *pure-live* seed standpoint. In other words, it's much cheaper to buy switchgrass with a PLS content of 80% at $1.30 a pound than with a PLS of 45% at 75 cents a pound.

To avoid getting seed of unknown varietal purity:

- Buy seed correctly labeled as to variety, and which contains an official state certified seed tag. Read the vendor's statement of analysis carefully. Then figure, as previously mentioned, what your pure-live seed costs.
- Purchase seed that has been properly treated with a suitable fungicide, or treat it yourself before planting.
- Select seed representing a crop variety which has been tested by an official state or federal seed testing agency and found to be adapted to the area where it's to be planted. —*H. L. Gantz*

Hall of Fame

(Continued from page 27)

be a far cry from the institution its founders dreamed it would be.

Some of the members interviewed by FARM AND RANCH following the blow-up think now that the only solution is for President Cowden to resign—and take with him Patton's Farmers Union representative on the Board. Others believe Cowden was innocently "used" by Patton, that he is dedicated to a noble cause and should be allowed to stay. And still others think he will refuse to leave, even for the good of the cause.

To say the least . . . it is unfortunate that the Agricultural Hall of Fame was so infamously degraded the very next week after the success story of its foundation was told coast-to-coast in the farm and daily press and over the airways . . . And while there were still question marks about it in the minds of some farm leaders.

Livestock: More of everything

LOOK FOR 8% more beef cattle during 1960 than this year, and 4% more hogs fed out, 5% more turkeys and 2% more sheep and lambs. But expect 4% fewer laying hens and 1% fewer milk cows. That's the most recent prediction by the Feed Survey Committee of the American Feed Manufacturers Assn. And the group estimates that there'll be a "surplus" of 38% in feed supplies. That is, the amount of feed supplies available for feed (189 million tons of it) will be 38% larger than the amount needed for feed—137 million tons. Here's how the committee sees the outlook:

- **Hogs:** The 1959 fall pig crop is 6% larger than it was a year earlier. And the 1960 spring pig crop will be about 2% larger than the 1959 spring pig crop.
- **Beef cattle:** Number of beef cattle at the beginning of 1960 should be nearly 70 million head—an all-time high, and about 8% higher than a year ago. That'll mean "substantially" more calves and yearlings available for fattening.
- **Sheep:** Number of lambs going to market from non-range states will increase; number of feeder lambs fattened out will increase slightly.
- **Milk cows:** Trend to fewer cows milked, but more milk per cow will continue. Net result will be an increase in total production of milk in the nation. And there'll be more concentrates fed per cow.

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For what? To put the federal government farther into the electric power business. And it will be a reality if the promoters of such federal "public power" get their way. Already, such spending for this purpose has cost taxpayers about $5,500,000,000!

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Unnecessary tax spending for federal "public power" goes on mainly because so few people know they are paying the bill. But it can be stopped as soon as enough people *do* know.

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What they're saying now about . . .

COTTON INSECT RESISTANCE

BOLLWORM AND LEAFWORM resistance have become problems in several Southwestern areas. Bollworms were reported harder to kill in Louisiana (using the usual insecticides and rates) in 1958 than before; Mississippi entomologists believe the bollworm has shown definite resistance in that state.

In Texas, cotton leafworms harder to kill with chlorinated hydrocarbons were reported from areas scattered all over the state. Extension Entomologist C. F. Garner and the state's experiment station entomologists don't consider the problem too serious, however; control recommendations for 1960 are about the same as last year—except that Sevin has been added to the list of poisons to choose from. (For brown cotton leafworm, however, better use endrin, parathion or malathion, they suggest.)

THRIPS are seldom worth poisoning for, Extension entomologists for Arkansas, Louisiana and Oklahoma figure. In Texas, where poisoning for them is considered very important if they show up, thrips resistance (to chlorinated hydrocarbons) has been reported over most parts of the state. It has been worst in West Texas, however.

Texas' recommended thrips control program for 1960 works about like it does with weevils: Sevin, or DDT or organic phosphate (malathion or methyl parathion) plus chlorinated hydrocarbon—toxaphene, endrin, heptachlor, dieldrin or strobane. Leave off the DDT, advises Garner, "where no resistance to insecticides has been encountered."

COTTON FLEAHOPPER resistance, also, scarcely bothers cotton growers except in Texas, judging from 1960 recommendations. In Texas, fleahoppers resistant to lower dosages of chlorinated hydrocarbon poisons have been found over nearly all the state, except in the Lower Rio Grande Valley.

Texas control program for cotton fleahoppers is the same as for thrips—leaving out DDT if no resistance has been encountered. Garner points out, however, that cotton growers will "have to watch a lot closer than in the past, and evaluate the control program (for *all* cotton insects) a few days after each application is put in. . . . Better watch *everywhere* about resistance. . . . Checking fields, determining when to start and even evaluating every application as it's made, will be big problems this year. You can keep out of trouble if you catch each problem in time and adjust to proper control program."

CABBAGE LOOPERS have become much tougher to kill, too—with *any* insecticide. Problem, however, is the age of the loopers, Garner explains. They're not hard to kill when they're young. And even where loopers do show up (sometimes in East Texas, rarely any further east), the damage they do is seldom serious.

Garner doesn't consider resistance among spider mites—reported from Arizona and California—a problem in Texas. (In Arizona, spider mite resistance was to organic phosphates, rather than chlorinated hydrocarbons.)

LYGUS BUG resistance to DDT and some other insecticides has been reported from some far Western states. But the bug still seems to be fairly easy to control with DDT or toxaphene-DDT in Texas.

APHID resistance, reported from some Southeastern areas—has not been a problem in Texas.

WEEVILS, tolerant type, are no longer treated as "what if" creatures in Texas. The state's official 1960 recommendations call for standard use of poisons (malathion, methyl parathion, Sevin, toxaphene-DDT, strobane-DDT) which *will* kill resistant weevils—*except* "where *no* resistance to insecticides has been encountered." Then, advises Garner, it's safe enough to use the chlorinated hydrocarbon poisons *without* the DDT. Resistant boll weevils apparently have "broken out" of central Brazos *(Continued on page 35)*

BY R. L. GIBBS

DUST OR SPRAY?

Either way

HE SPRAYS. Melvin Giese, Jr., inspects spray equipment nozzles on Magson Farms, near Elsa, Tex. He averaged nearly three bales per acre on one block of cotton last year.

DOWN HERE in the Lower Rio Grande Valley of Texas, insect control is a big factor in whether or not you make a cotton crop. If we didn't control cotton insects, all we'd raise would be stalks."

That's the way Melvin A. Giese, Jr., feels about cotton insect control. He operates 2,500 flat, fertile acres of Magson Farms, in Hidalgo County (near Elsa, Tex.) in partnership with his father. Most of the land is ideally suited for cotton farming; 1,300 acres were in cotton this year.

Magson Farms used insecticide spray—Sevin Sprayable, on the market for the first time last summer—to fight cotton insects in 1959. "We're always on the lookout for more effective materials for cotton insect control," explains young Melvin. So they experimented with the new insecticide on one of their blocks of cotton. "We applied the spray seven times, using both air and ground equipment. When we first noticed fleahoppers, we put it on at the rate of 1 pound of technical per acre. This did a good job of fleahopper control. Later, when we started to fight the bollworms, we applied it at 10-day intervals at the rate of 1½ pounds of technical insecticide to the acre. The last three applications went on at the 2-pound rate.

"On our 33-acre block of cotton, where we went straight through with the applications," Melvin adds, "we made 97 bales—practically three bales to the acre."

The rest of the cotton on the place averaged about a bale and three-quarters per acre.

"Boll weevils were never much of a factor in this block, largely due to the spray program," explains Melvin. "In other parts of the Valley, and on other blocks of cotton on this farm, weevils were a severe problem. At the very end, pink bollworms were a serious threat, too. Our spray program on this block controlled them, and so well that we then sprayed another block of 110 acres and four 40-acre blocks to stop pink bollworm." Some farmers in the Valley had to use as many as 16 applications to get satisfactory insect control, Melvin points out.

Farther north in Texas—near Edna—cotton farmer O. B. Fenner used Sevin dust on his cotton for the first time in 1959. "This was a particularly bad bollworm year in our part of the country," observes Fenner. "In my business I've handled all the different insecticides, and have been up against some tough insect problems. I'm convinced that Sevin really gets bollworms, and also does a good job on other major cotton insects. We even killed bollworms this season when their heads were buried in the bolls, and just their tails were sticking out!

"My belief is that you should time your poison right. You should hit the bollworm early, and poison about three times," Fenner sums up. **[End]**

HE DUSTS. O. B. Fenner checks dusting equipment ready to use on his 133 acres of cotton near Edna, Tex.

NEXT: Do-it-yourself farm controls?

BY BOB NICHOLS

WHY can't farmers' marketing associations control *production* as well as *marketing?*

University of California Economist Norman Collins sees this as a logical next step for marketing co-ops. *"Control of decision-making over the production practices . . . of its members properly may become an objective of marketing cooperatives,"* Dr. Collins suggested to the state's board of agriculture as it began a study of agricultural integration.

As it is now, Dr. Collins pointed out, the members of most marketing cooperatives have *too much freedom* and the management of the co-op has *too little authority* to regulate either amount or kind of produce it sells. But whether farmers in the future become mere hired hands for big integrators depends on how much bargaining power they have. And that can depend on how much farmers can get together to balance up supply and demand.

Better-organized, more effective farmer groups *could* (and, in a few cases, do) regulate the *amount* and *kind* of crops or livestock and poultry products they turn out, *as well as* holding out for better prices when the products are sold.

What about federal marketing orders? Couldn't they help do the same thing? They're in effect for raw milk in most of the nation's milksheds, and for vegetables and other perishables in several areas. And they're actually operated by growers and—sometimes—processors, rather than by the government itself. Next step could be for them to help regulate production, too, suggested California's E. W. Braun, chief of the state's Bureau of Markets.

Well, why not?

Massive vertical integration and tremendous crop surpluses began alarming the nation's farmers during the late 1950's. Nowhere in sight is there any federal legislation, or any spontaneous change in our country's condition, to erase the effects of either. As far into the 1960's as you can see now, we'll have to live with more and more of both of them—not less.

Whether "creeping vertigration"—vertical integration—is actually a "cancer on American agriculture" or "healthy progress" and "free enterprise in evolution," it is a changing condition to be reckoned with. It now dominates national production of poultry (more than 90% of all broilers produced) and several specialized crops. And it's slowly taking effect in production of nearly every farm product not under federal controls. In the case of poultry, it has been transferring management of the nation's flocks from tens of thousands of smaller, independent poultrymen to a few huge, sprawling integrated operations.

In most cases, vertigration has come in the wake of ruinous farm prices. In the case of poultry, it has followed prices on downward, into the depths of its worst depression. Growers who were red-inked out of their own independent egg or broiler operations to go into what were then better-paying contract deals have (all too often) seen the price on the contract offers shrink alarmingly, too. ("Poultrygram," January issue.)

The trouble with eggs, broilers, pork, grain or almost any other farm product in this country is just that there's *too much of it.* Sometimes, it's just a matter of the wrong kind (surplus burley, when more flue-cured is needed, or vice versa; too much lower-grade cotton, when more better-grade is needed, or vice versa); sometimes it's the wrong place (too many mid-season tomatoes, not enough in late season, or too many in California, not enough in Texas).

So far, we've just been substituting one farm problem legislation "cure" that doesn't work for another one that didn't work, either. High rigid price supports for the basic crops didn't solve anything, so Congress allowed substitution of flexible, drastically-lowered price supports for feed grains—and the surplus problem is worse than ever. So far, the theory that de-controlling the basic crops will bring supply and demand back into balance hasn't worked so well.

In theory, lowering prices of crops like wheat (Secretary Benson wants it cut from this year's $1.77 to about $1.40 next year) will increase open-market exports and help work off the oversupply, too. European and Asiatic countries will buy more of our wheat if we price it cheaper. But $1.40 is still a lot higher than the approximately 90 cents a bushel Argentina's farmers get for their wheat; they can still undersell us. And so on.

These slashes in price support levels—actual and proposed—and drops in prices of non-supported farm products come while the cost of *producing* them is going up, steadily and rapidly. ("1960 Furrow Forecast," January issue.) With few exceptions, Labor and Industry *(Continued on page 66)*

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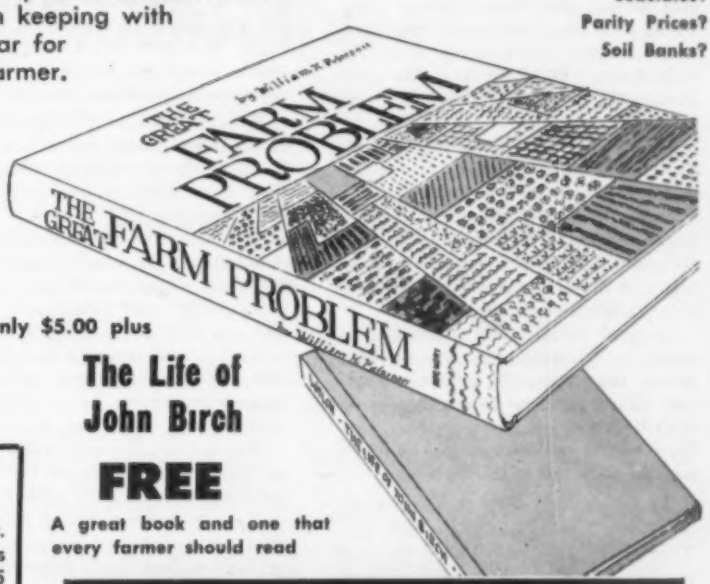

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For Texas—Oklahoma

IN TEXAS, you'll now be feeling the bite of the state's bizarre new reward-and-punishment ("merit rating") system for auto insurance rates. By decree, the state's Board of Insurance now compels all insurance companies to reduce your insurance rates 20% if you have a "clean" traffic record for the past three years, or to increase them as much as 100% if you don't.

Texas Farm Bureau—one of the largest, soundest automobile insurors in the state—pleads for "common sense" auto insurance rating—as Oklahoma and most other states have—permitting insurance companies to set *their own* "merit rating" systems, on a business basis. But unless more weight gets behind the Farm Bureau plea, Texas insurance companies must continue to serve as enforcers of traffic ordinances. Oklahomans can give Texans the horse laugh; their auto insurance companies are permitted to operate as *businesses*, and to *compete*. So Oklahomans—especially farm folks—generally get their insurance much cheaper than Texans—even Texans who have "clean" driving records. And Oklahoma companies *can* require high-risk drivers to pay more for their auto insurance—as they *should*.

In rural Texas, you'll generally fare much better under the new punitive decree than your city cousins. Their insurance rates are usually higher to start with (which *is* reasonable), and their traffic police are usually much handier with the traffic tickets.

As long as you're on the open highways, you'll make out fairly well, too. Texas' highway patrolmen, by and large, are well-trained, fairly competent officers, at least. In your own town, maybe you have enough influence to restrain your local constable from handing you a ticket—even if you deserve one, and even for drunken driving or speeding through a school zone. He *can* cost you from $60 to $120 in extra insurance premiums over a three-year period, or even more if there's a driver under 25 in your family—just by handing you a ticket for making a left turn at the 300 block intersection of Elm Street instead of at the 400 block. Maybe the new power he now wields *won't* go to his head.

But when you're in other towns and small cities—where you don't know all the weird, petty local ordinances—watch out! You're subject to whims passed into deadly law—by the hardware merchants and cafe proprietors who make up the town council between beers—as nonchalantly as they cut the deck for the next hand of stud poker. Maybe the reason for the no-left-turn ordinance at Elm and Jones Streets was to make more people notice the one-cent sale at Petrie's Drug Store. For that, you can pay dearly, under Texas' new rules.

Likely as not, the local arm of the law is Petrie's ne'er-do-well brother-in-law, barely one cut above the town half-wit. Nobody else would take the job, for the $150 a month the town pays. But you won't laugh at the traffic ticket he handed you—after you get your next insurance statement.

Worst feature of the new decree—as you may already have found out—is that it's retroactive—despite the U.S. Constitution's guarantee (Article I, Section 10) against "ex post facto" laws. If you were ticketed for that left turn on Elm Street in Pumpkin Center back in 1958, the maximum penalty may have been a $5 fine. But now—in 1960 and again next year—you're being assessed an extra penalty of $20 or so a year in extra insurance premiums, by a state government agency's ex post facto decree.

The new decree will provide plenty of business for lawyers and courts; practically everybody will now appeal every traffic ticket he gets, rather than plead guilty or forfeit bond and get soaked with extra insurance costs. And, most serious (as Texas Farm Bureau points out), the *real* high-risk drivers—with several accidents or drunken driving convictions on their records—won't carry insurance at all; the new rating system prices them out of the market. And the damages they cause will have to be paid for by the "safe" drivers.

Strike Victory's Victims

COUNT yourself, if you're a crop farmer, as one of the heaviest losers in the steelworkers' union's "victory" in the steel strike. U.S. Steel Corp. insists that it plans no "general price increase" in the "immediate future." But don't doubt for a minute that the cost of steelworkers' pay-increase and fringe benefit-increase trophies will, in the months ahead, be passed on to *you*—in the form of higher prices for farm equipment, barbed wire, tools, refrigerators, or whatever steel product you buy. (The steel companies say only that "factors might compel a change in steel prices later." Don't expect "later" to be very far off.)

As a crop farmer, you'll be hit in the pocketbook harder than a lot of other folks because your living depends so much on products made of steel. But—as steelworkers' wages, the price of steel and the price of everything you buy forces the inflation spiral higher — *your* income *doesn't* go up with it. Union laborers and a lot of other folks don't have to worry about inflation and the rising cost of living. As it goes up, their incomes go up with it. But yours—if you're following the trend—is going the other direction. Net farm income last year was the lowest since 1942. (It was 15% lower last year than in '58; it'll be **half** that much lower yet in '60.) Not only does it take more dollars to buy a tractor or repair a broken water pump; it also takes more bushels of wheat or bales of cotton to get those dollars.

Worse yet, you can expect the steelworkers' triumph over their bosses to be only the first in 1960. Seeing the steel industry's costly failure to stand up to the union's demands, how many more major industries which help supply agriculture will give in without a struggle, and pay off their union workers' demands—at *your* expense?

Meanwhile, having helped presidential aspirant Dick Nixon bring the steel industry to heel, vice-presidential aspirant James Mitchell (Secretary of Labor) is free to finish whipsawing agriculture—with his proposed tighter controls and enforced higher wages for farm laborers. That'll help force you to buy more of that higher-priced (if equipment manufacturers *don't* absorb *their* higher costs) farm equipment, to get off the barrel higher-priced and scarcer farm labor will have you over.

Cotton Insects

(Continued from page 30)

Valley area of Texas—about the only place where they'd amounted to anything before 1959. Now they've been reported in the Eagle Pass and Bowie County-Red River County areas as well.

In Arkansas, Experiment Station Entomologist Charles Lincoln reports 1959 weevil ". . . resistance to chlorinated hydrocarbons, including BHC, toxaphene, aldrin, dieldrin, heptachlor and endrin . . . it (resistance) is *related* to amount of insecticide used in the past. . . . To overcome, use organic phosphates (methyl parathion, malathion, guthion, calcium arsenate, Sevin). . . . In areas where resistance is not established, use of chlorinated hydrocarbons for *half of season* and switch to other types for rest of season may delay resistance indefinitely."

In Louisiana, Experiment Station Entomologist L. D. Newson reports: ". . . Resistance . . . in all parts of state except small area in Southwest. . . . Most trouble where growers have done a *more effective job* of control. To overcome, use (organic phosphates) or a mixture of toxaphene-DDT. **[End]**

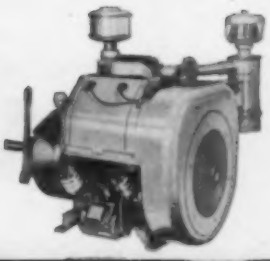
Income Tax Balancing For Stockmen-Farmers?

CONGRESS should amend federal income tax laws to permit cattlemen (and similarly-situated taxpayers) to *average their total taxable income* over a period of years, urges the National Live Stock Tax Committee. The committee—sponsored by American Natl. Cattlemen's Assn. and 49 other livestock groups—points out that Canada's income tax laws already have a provision of this sort. It allows farmers to average their total taxable income for a five-year period, and pay a tax for that period equal to the *sum of the taxes* on the average taxable income of *each of the five years.* That is, instead of figuring income taxes on $4,000 one year, $10,000 the next year, and so on, the Canadian farmer could figure his average for five years at, say, $5,000 a year and pay taxes on that amount each year. The Curtis-Teague bill, introduced in Congress at its last session, would work something like that for the U.S., but would work for two years only.

The way farmers and ranchers get hurt on present tax laws, explains the committee, is that their incomes vary so much from year to year. A farmer who does make $4,000 one year and $12,000 the next year pays *more* income taxes than if he made $8,000 each year.

POWER

that beats the **HEAT** and licks the job!



The weather is never too hot for haying with this New Holland 178 Haycruiser, powered by a 51 hp. Wisconsin AIR-COOLED Engine.

"WISCONSIN," of course

It's a fact — the weather is never too hot for day-in and day-out field service, if your equipment is powered by a Wisconsin Heavy-Duty Air-Cooled Engine. If the thermometer should hit an incredible 140° F., you would still have no cause for concern. This gives you a wide margin of safety under sizzling hot-weather operating conditions.

So why fool around with a water-cooled engine? Why risk over-heating and damage due to evaporation, lime- or alkali-scaling and clogging? Why be responsible for a lot of extra parts (up to 26) that may need servicing and replacement on a water-cooled engine? And why mess around with water-cooling chores?—*at any season!*

You don't have to be concerned about any of these things if your equipment is WISCONSIN-POWERED. Hot-weather serviceability in all sizes (3 to 56 hp.) is the result of highly developed AIR-COOLING ENGINEERING that is the result of more than 50 years of engine-building experience.

Play it smart as so many other hot-weather-belt farmers are doing. Specify "Wisconsin Power" for your equipment. Write for Bulletin S-249. Address: Dept F-108A.

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World's Largest Builders of Heavy-Duty Air-Cooled Engines

F108

House Plan Book

If you're planning to build a new home, you'll want to order our house plan book, "FARM AND RANCH HOMES." It contains sketches of over 70 popular house plans as well as many interesting features on decorating and remodeling. To order your copy, send $1 to Building Editor, FARM AND RANCH, Nashville, Tenn.

Prompt relief!
CHAPPED CRACKED LIPS

...for all members of the family

Best for Fever Blisters, Cold Sores

WHAT KIND OF FARM PROGRAM DO YOU BELIEVE IS BEST FOR THE COUNTRY?

1960—Will it bring more of the same in a farm program? We don't believe Congress can ignore farming to the extent it did in 1959. So now is the time to let your "Voice" be heard. We'll help you tell Congress what you believe. Fill out the ballot below, tear out the page and mail to FARM and RANCH today.

A Which one of the following six programs do you favor?

- ☐ 1. No supports—No control—Return to a free, supply-and-demand system. Get the Government out.
- ☐ 2. Flexible supports—Supports to be set by Secretary of Agriculture as dictated by current supply and demand. Moderate control when necessary.
- ☐ 3. High supports—Support prices to be fixed at from 90% to 100% of parity. Rigid production control—Control of flow of produce to market.
- ☐ 4. No support or controls except in emergency—would include low disaster payments (50% to 75% parity) in event of complete loss of market due to bumper crop.
- ☐ 5. Direct or "Compensatory" production payments—Cash payments to be difference between market price and support price.
- ☐ 6. Price supports at a percentage of the average market price (not based on parity) of each commodity during the past three years.

B If one of the Democrats and one of the Republicans listed below were nominated for President, which ones would you prefer?

(Check one Democrat and one Republican)

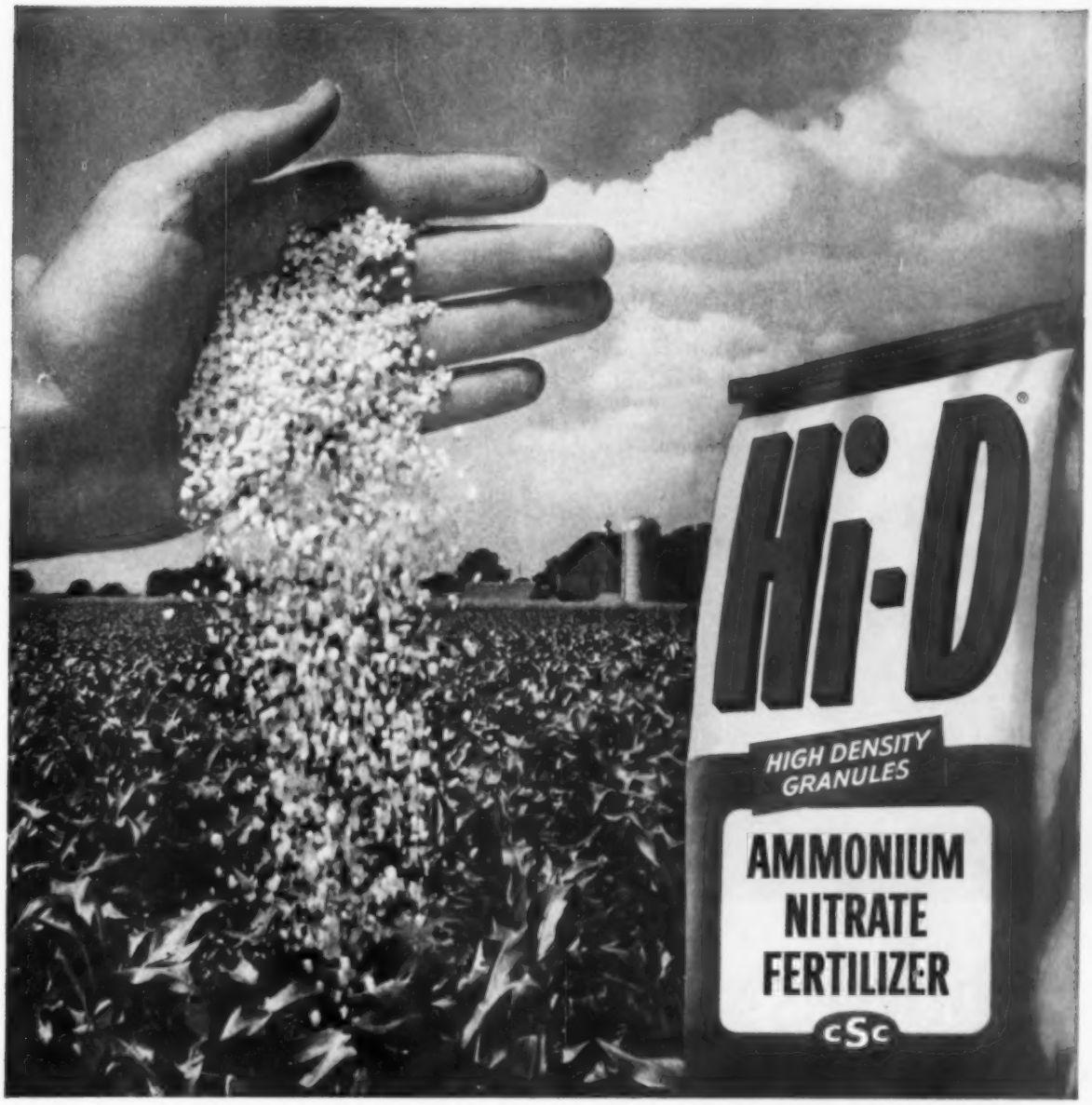
Democrat	Republican
☐ 1. John Kennedy	☐ 1. Richard Nixon
☐ 2. Lyndon Johnson	☐ 2. Nelson Rockefeller
☐ 3. Adlai Stevenson	☐ 3. Ezra Benson
☐ 4. Stuart Symington	☐ 4. Barry Goldwater
☐ 5. Hubert Humphrey	
☐ 6. Harry Byrd	

If you were to vote today, which **one** of the two checked above would be your choice for President?

_____

C Please answer the following questions:

1. How many farm magazines do you read regularly? _____
2. Which is your favorite? _____
3. Who is your favorite farm editor? _____
4. Do you believe all "Straight Talk" editorials should be directly concerned with farming? ☐ YES ☐ NO
5. I am a farm owner ☐, farm operator ☐, tenant ☐, other _____



Keeps crops on the grow

it's the ammonium nitrate that's granular!

Corn, cotton, wheat, pastureland – whatever your crop, Hi-D* is the nitrogen fertilizer to use. You'll find it better than any ammonium nitrate you ever used before.

Hi-D always flows freely! Hi-D's special granules are unusually high in density and super dry, have much less tendency to pick up moisture prior to application. You will find it most satisfactory out in the field, even under humid conditions. Hi-D doesn't gum-up, won't clog, cake or bridge in your spreader.

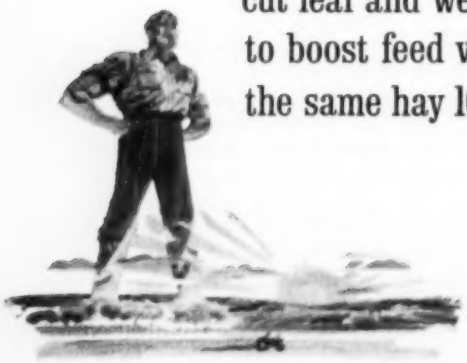
Hi-D has a guaranteed analysis of 33.5% nitrogen. Half of this is nitrate nitrogen for vigorous early growth. The other half is ammonia nitrogen for sustained follow-up feeding. Your crops get the two types of nitrogen they do best on!

Let Hi-D keep your crops on the grow. It's sound management. But remember, first test your soil, lime if necessary and follow with the mixed fertilizer your dealer recommends. Then add the supplementary boost of Hi-D. Ask your dealer for it by name. Hi-D–best in the land!

COMMERCIAL SOLVENTS CORPORATION • OFFICES IN ATLANTA, CHICAGO, CINCINNATI, ST. LOUIS, STERLINGTON, LA.

Shortest way to choice hay!

Speedy IH haymakers cut leaf and weather loss to boost feed value of the same hay 10 to 50%



Cut your haymaking time. Outrun rain losses . . . avoid loss of feed value due to bleaching.

Fast-Moving McCormick® mowers, hay conditioners, rakes, and balers let you make better use of short spurts of good weather to cut, cure, and store big fields of hay at peak feed value. And every McCormick hay machine handles your crop gently to save more feed-rich leaves.

Extra protein and vitamins from undamaged hay can add $5 to $15 in feed value to a ton of hay. This choice feed reduces your cash outlay for purchased supplements . . . helps you turn a bigger profit from milk or meat.

Keep baling 10 tons an hour when others slug

The windrow "floats" up and into the No. 46 baler with leaves intact. Then, full-floating auger and packer fingers gently whisk hay into bale chamber. There's no beater or fork to shatter leaves. There's no funnel-down feeding to build up hay slugs that bring on plunger-plugging delays. Your McCormick baler keeps tying at the rate of 400 brick-square bales . . . hour after hour!

YOU'RE A BIGGER MAN WITH AN IH TRACTOR AND EQUIPMENT

Rubber-roll conditioner saves leaves ... halves curing time

Now, teamed with a high-speed mower, you can use this McCormick No. 2 Hay Conditioner to crush and mow in *one* trip. This shrinks curing time and saves labor. Every stem is cracked along its *entire* length for faster drying, less leaf-shatter, increased food value, and greatly improved palatability. You can travel faster, too, with quiet, vibration-free rubber rolls that need no separate pickup.

Cut 25% more with a "pitmanless" mower

You'll whiz down the swath whisper-quiet with a McCormick No. 100 mower. And when day's done, you'll be in the middle of 50 acres of clean-cut hay. Faster knife speeds let you throttle back and still maintain clean cutting in tough stands. Exclusive wrist-action drive, with only three moving parts, cuts vibration . . . saves wear and tear on the rugged McCormick mower.

Bring "chopped pasture" to feedlot at low cost

New McCormick No. 5 Direct-Throw Chopper, with double-flail cutting action, slices forage into shorter lengths. This assures good "clean up" by livestock. Higher crop inlet, and heavy-duty gear-driven rotor are speed-up features that cut chopping chores to minutes. Auger-Blower model, not shown, chops material into still shorter lengths. It's excellent for cutting grass silage.

Try these speedy IH haymakers on your own farm! Ask your International Harvester dealer for a demonstration. See for yourself how you can slash hours . . . even days . . . from your haymaking time. Remember, two or three hours saved when your hay is on the ground may make the difference between choice, high-protein green feed and dry, brown "fodder". See your IH dealer for all the facts, today.

Get cash for dealing now! Your IH dealer will pay interest at the rate of 6 percent on your trade-in and/or down payment.

See your INTERNATIONAL HARVESTER dealer

International Harvester Products pay for themselves in use—Farm Tractors and Equipment . . . Twine . . . Industrial Tractors . . . Motor Trucks . . . Construction Equipment—General Offices, Chicago 1, Illinois.

BY CARLOS VINSON

They snap back at the snapping turtle

Jimmy Lyster in action noodling snapping turtles along Charles Creek in central Tenn.

Clayborn Robinson, standing on creek bank, holds carrying sack ready for Lyster's catch.

Randolph Newby (right) looks on as Lyster dresses out a snapping turtle.

IF your farm pond or favorite fishing stream or lake is overstocked with snapping turtles you may want to jump in and catch them by the tail—the way these Tennessee sports do it.

On the other hand—if you're in water moccasin country and inexperienced at that sort of thing—you'll want to think about it. Maybe you'd better keep sitting on the bank with your rifle, waiting for them to stick their heads out of the water—or whatever it is you do for turtles—or send for these boys or somebody else who knows just what they're doing.

"A good turtle noodler rarely, if ever, gets bitten by a snapping turtle," says Jimmy Lyster. Jimmy used to catch them with his dad for business purposes; now he and his buddies, Randolph Newby and Clayborn Robinson, "noodle" for the snappers "just for the sport of it," in and around their home county of Warren, Tenn.

"The system is as simple as ABC," he explains. "You simply feel back into every underwater cave and cavity around the bank, keeping the fingers down and working and the backs of the hands up toward the tops of the caves. Experience develops a sort of super sense of feel that enables you to tell which way the turtle's head is turned when you find him—and you can make a tail grab." (He didn't say how many fingers the "experience" usually costs you, but all of his seemed to be working nimbly.)

"It is always best to select areas that are free of poisonous snakes," Jimmy cautions. (And this should be an unnecessary warning for anybody who has even seen a water moccasin roll the waves.)

"Contrary to popular belief," says Jimmy, "hardshell snapping turtles have much better meat than softshell turtles." That's why he and his dad were able to sell them to fancy restaurants at fancy prices.

The snapping and softshell turtles are the main varieties sought by noodlers. This is mainly due to the fact that these two contain better eating meat than most. There's almost as much good frying meat in a 6-pound snapping turtle as there is in a 2-pound frying chicken. And a good noodler will usually catch 12 to 15 in three or four hours time along an average creek.

A good system is for one or two to do the noodling, with the third member of the party walking the banks (that's my job) with a sack to carry the turtles. The stream (creeks are better) should be down low and clear for good noodling.

In most states where they exist, snapping turtles are on the pest list. And some variation or other of the snapper dwells in almost every state. The snapper has comparatively few natural enemies, and in some sections they consume a lot of fish and young waterfowl. Outside of being good to eat, the turtle seems to deserve a spot on the wildlife blacklist. This makes noodling even more interesting.

No Catch 'em, Just Eat 'em?

If you don't cotton to the idea of sticking your hand in an underwater hole to drag one out, you may come by a turtle *(Continued on page 67)*

A HUNDRED MILLION TELEPHONES AGO

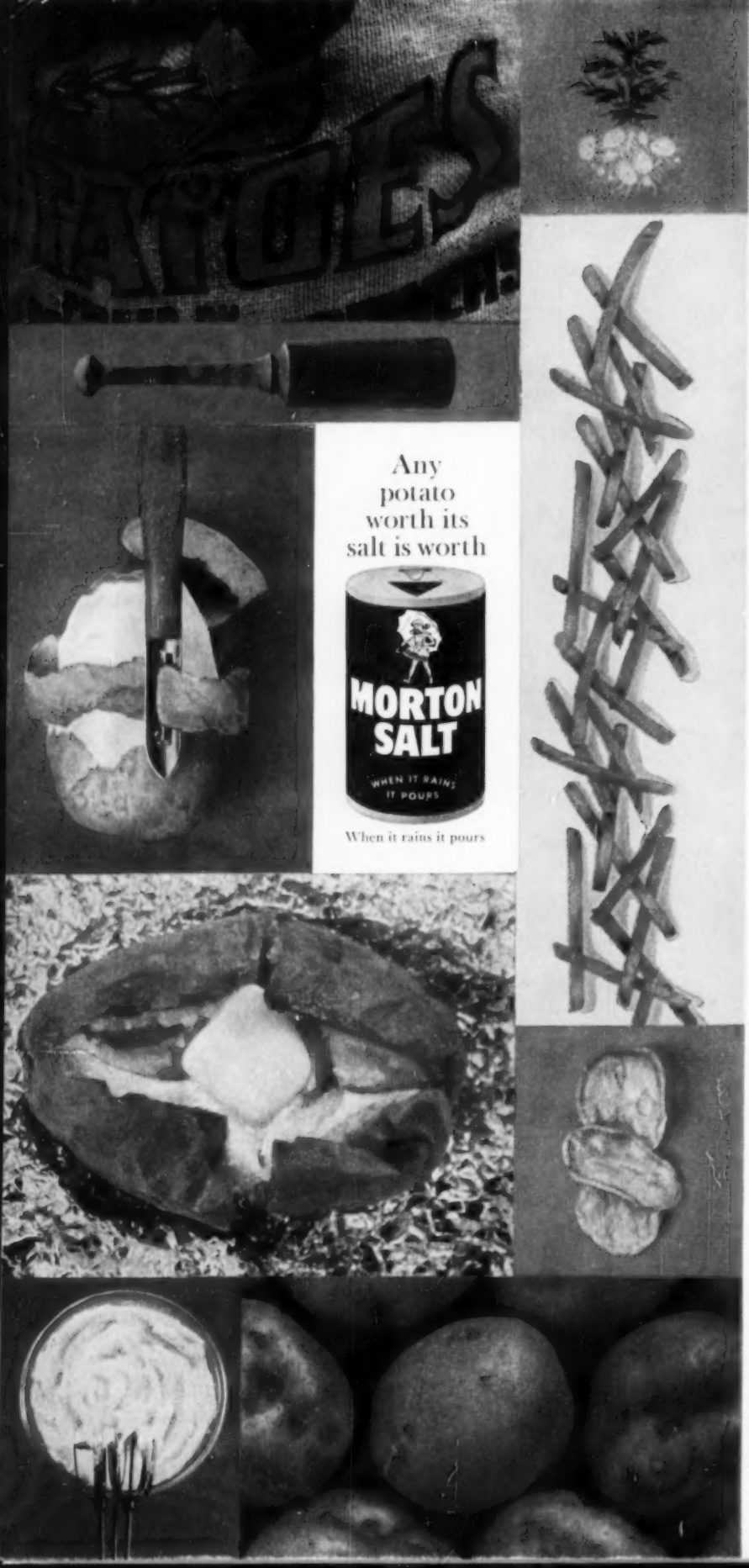
That's when Western Electric joined the Bell Telephone System . . . a hundred million telephones ago. The year was 1882 and the telephone (we made it even then) was a fairly crude gadget. You cranked it, shouted into it and hoped for the best.

Over the years, telephone service grew as the country grew. And Western Electric helped it along, making better and better telephones in every shape and size . . . devising and producing multitudes of switching equipment, cable and electronic devices for faster and surer ways to carry the nation's voice.

Western Electric

Now we're at work on our second hundred million telephones. The shapes and sizes are different . . . with emphasis on convenience, color and usefulness. But our goal is the same as it was in 1882. It is to help the Bell telephone companies bring to you better and better telephone service.

Western Electric manufacturing and supply unit of the Bell System



Bring an old family memento out of the attic and put it to use as an eye-catching homey off center

ROSALYN SHERMAN
Home Department

Farm and Ranch color photo by Terry Tomlin

Conversation Piece

(Continued on page 58)

This is the Instant that's delicious for drinking!

Carnation "Magic Crystals" burst into fresh flavor nonfat milk instantly *...for as little as 8¢ a quart!*

New Carnation "Magic Crystals" mix instantly in ice-cold water to give you fresh flavor nonfat milk. Naturally refreshing, delicious. Rich in all the natural protein, calcium and B-vitamins of freshest whole milk, yet low in calories. Perfect for cooking – no special recipes needed. "Magic Crystals" *whip* – for use in recipes...or as luscious topping with ⅔ less calories than whipped cream for only 1¢ a serving. 3-qt., 8-qt., and new 14-qt. sizes.

MIXES INSTANTLY: New Carnation "Magic Crystals" mix instantly and completely in ice-cold water, with a light stir. No lumps, no leftover paste in the glass.

Chocolate-Flavored Instant Nonfat Dry Milk, Too – Try New Carnation Instant Chocolate Drink!

"M-m-m

Few meats are so versatile as the pork chop. Barbecued, cheese-topped, fruit-stuffed . . . the flavor combinations are endless. So, next time pork chops are on your menu, don't cook them "the same old way!"

Pineapple Pork Chop Roast

6 lean pork chops
Salt, pepper, paprika
2 tablespoons butter
2 medium onions, chopped
½ cup chopped celery
3 cups drained pineapple tidbits
2 tablespoons minced parsley
½ teaspoon marjoram
¾ teaspoon salt
¼ teaspoon pepper

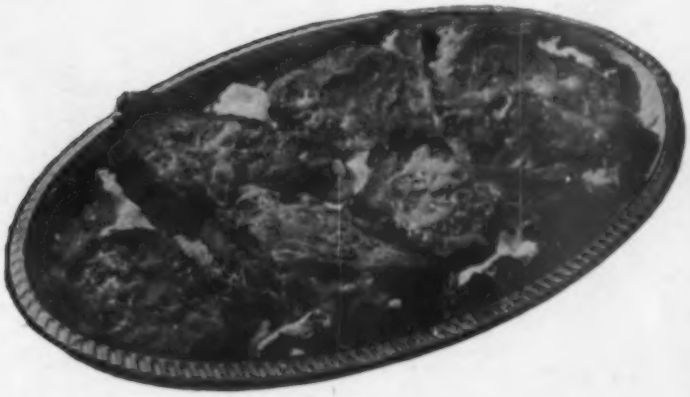
Sprinkle chops with salt, pepper and paprika. Brown lightly in buttered skillet. Remove chops. Add onion and celery and saute till soft but not brown. Add additional butter, if needed. Remove skillet from heat. Add crumbs, pineapple, parsley and seasonings. Stir lightly. Stand chops, fat side up, in loaf pan. Arrange stuffing, lightly, between each chop. Tie or hold together with two metal skewers. Bake in a slow oven (300 degrees) for 1½ hours, or till chops are tender. Makes 6 servings.

. . . . . Pork Chops!"

Pork Chop Skillet Dinner

6 lean pork chops
2 tablespoons shortening
Salt, pepper
¼ teaspoon savory
1 cup tomato juice
3 medium onions
6 carrots
3 medium potatoes
6 wedges of cabbage
Paprika

Brown chops lightly in shortening. Salt and pepper to taste, and sprinkle with savory. Add tomato juice, cover tightly and simmer for 45 minutes. Prepare the vegetables and add. Sprinkle with paprika and additional salt. Cook till vegetables are tender, about 30 minutes. Add additional juice or water if needed. You should have very little liquid remaining in the pan when chops are tender and ready to serve. This recipe will make a complete meal for six.



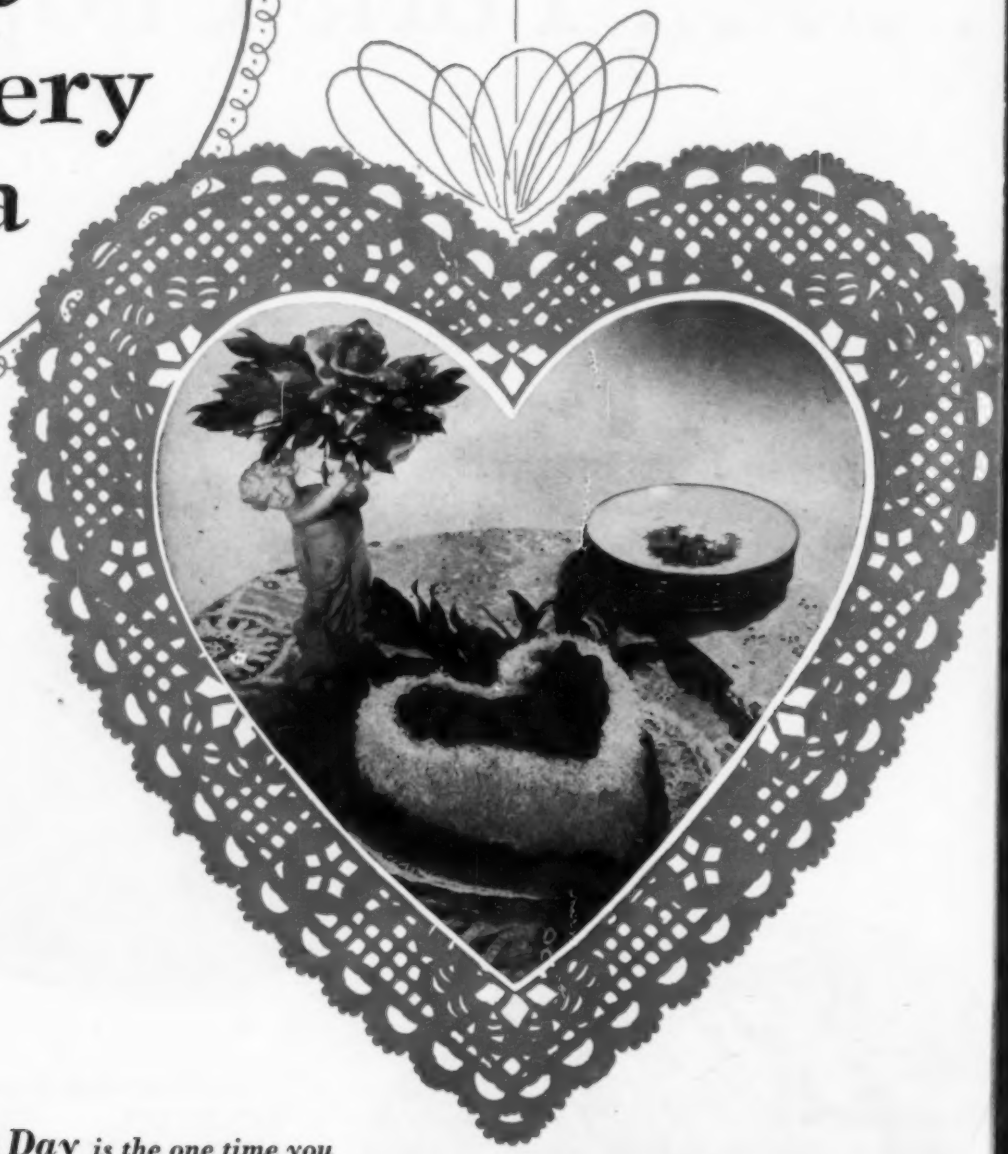
Cheese-topped Chops With Broccoli

6 lean pork chops
Salt, pepper and sage
2 tablespoons shortening
½ cup water
1 can tomato soup diluted with ½ cup water
1 teaspoon prepared mustard
½ cup grated sharp cheddar cheese
1 package frozen broccoli, cooked according to package directions

Sprinkle chops lightly with salt, pepper and ground sage. Brown lightly in heavy skillet in shortening. Add water, cover tightly and simmer till chops are tender, about 1 hour. Heat the diluted soup, add the mustard and cheese, and stir till cheese melts.

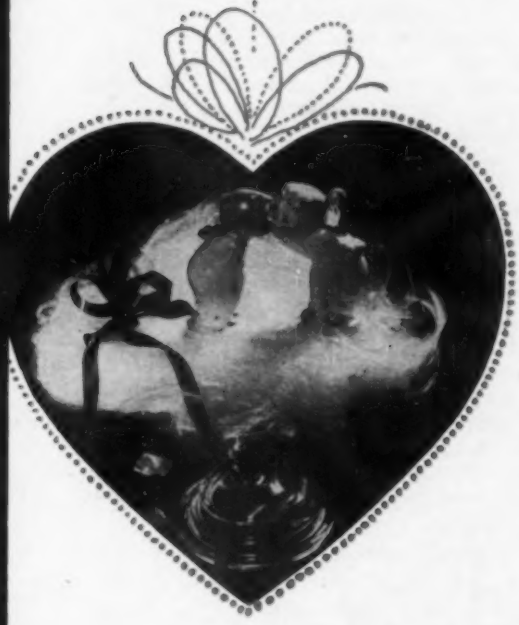
Arrange chops on oven platter with cooked, seasoned broccoli. Pour cheese sauce over chops and place in hot oven a few minutes till sauce is bubbly. Makes 6 servings—a complete meal, with a salad.

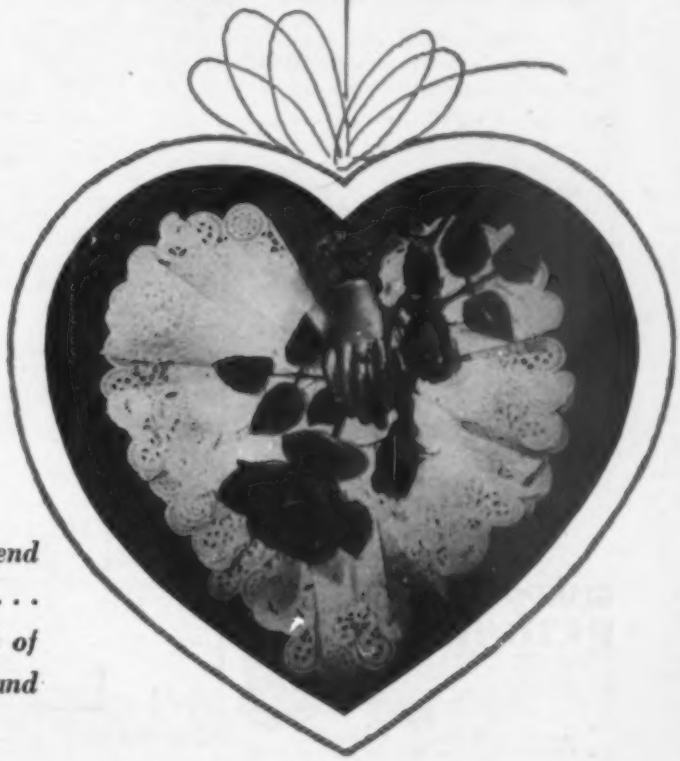
The Very Idea



Valentine's Day *is the one time you can cook your way into HIS heart. For dessert make a heart-shaped cake . . . scoop out the center and fill with bright red cherries. Coconut icing covers the rest! . . . . .* ***Marriages are made in heaven!*** *A centerpiece for your table made of a cloud of angel hair, a ribbon bow and a pair of kissing angels. . . . . .* ***The clasp of loving hands*** *. . . and one rose. These are sentimental col-*

ROSALYN SHERMAN
Home Department





lector's items. Place them together on an end table on Valentine's Day. . . . . .
Say "I love you" *with a heart made out of two pretty handkerchiefs. Cut a red heart and cover it with the lacy linen squares.*

NOW!

Mint Flavor

In Milk of Magnesia - the remedy doctors recommend

Regular or Mint-Flavored, Milk of Magnesia brings wonderful relief from constipation and acid indigestion

Doctors agree. We asked thousands of doctors, coast to coast, "Do you ever recommend Milk of Magnesia?" The overwhelming majority said, "Yes!"

It's a thorough laxative. Phillips' gently relieves constipation, and also the acid indigestion which so often accompanies constipation.

It's a speedy antacid. Phillips' settles an upset stomach in seconds! Gas pains and other acid discomforts seem to vanish.

It's pleasant to take. Choose Regular or refreshing Mint-Flavored Phillips'. Both the same price.

PHILLIPS'
MILK OF MAGNESIA
REGULAR OR MINT-FLAVORED

GIANT *Fringed* PETUNIAS
WAVED and RUFFLED MIXED
4" to 5" blooms in gorgeous solid and variegated colors, deeply fringed, beautifully veined. Send only 10c for (150 seed) regular CATALOG 50c packet and Big Seed, Plant & Nursery Catalog. **FREE**

CONDON BROS. SEEDSMEN ... Now Combined With
R. H. SHUMWAY Seedsman, Dept. 396, Rockford, Illinois

BY PRICE HOBGOOD

Compactly Arranged

IF you need a small, compact but very convenient home, you should study FARM AND RANCH Plan No. 135 very carefully. A carport has been attractively arranged under the same roof as the house in order to make this small home appear much larger than it really is.

The kitchen is an especially attractive feature here—note its comfortable size and very efficient arrangement.

You'll like the rear entrance to this home—it's off the carport into a central hall, which will prevent any unnecessary traffic through the kitchen or other areas of the house.

The three bedrooms and two baths are arranged to offer a maximum of convenience and privacy. The bedrooms are all of comfortable size and have large, individual closets. And there are two spacious linen closets.

The living-dining area is rather spacious for this size home and will serve for entertaining quite a number of guests at one time. The front entrance is provided with a closet for outside wraps and is arranged to prevent a direct entrance into the living or dining area.

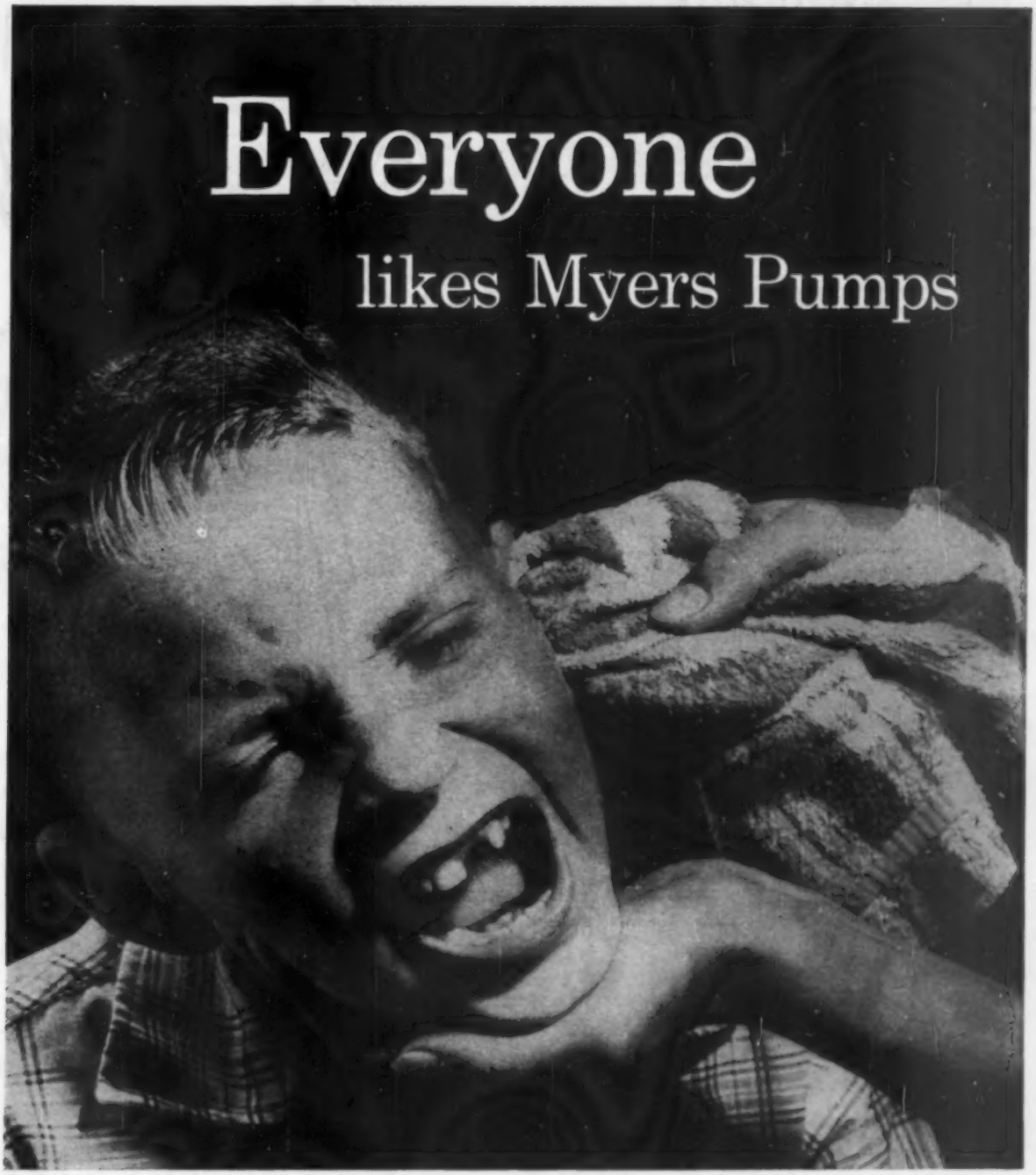
Plan No. 135 will be very attractive in almost any setting and the combination of materials has been arranged for a maximum of convenience and economy in construction.

Working blueprints and specifications for House Plan No. 135 are available for just $2. Order from Building Editor, FARM AND RANCH, 318 Murfreesboro Rd., Nashville, Tenn. Be sure to state house plan number and your name and address.

HOUSE PLAN NO. 135

Heated Area: 1,245 sq. ft.
Carport: 529 sq. ft.
Porch: 36 sq. ft.

Length: 57'-6"
Width: 36'6"



Yes, even Bobby . . . ! He may have a doubt or two when mom scrubs his ears. But when he sees that cold, sparkling glass of water at the table, his doubts vanish. Just like all water service problems vanish when you install a dependable Myers OLYMPIAN pump. See your Authorized Myers Pump Dealer today! He's fully qualified to engineer the right pumping system for your home or farm.

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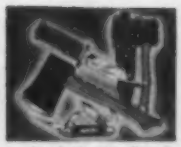
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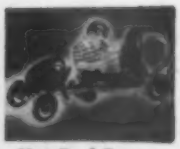
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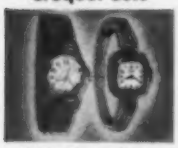
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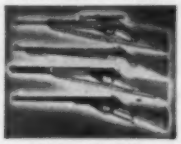
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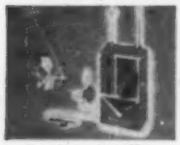
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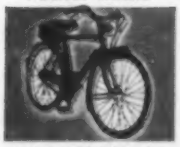
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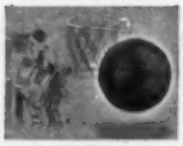
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COLLECTORS' ITEMS

By Carolyn Anderson

"RELIGION, like a violin, can sound pretty sour in the hands of a fellow who hasn't practiced it."

Good cooking, like most everything else, takes practice, too.

But—most of us automatically get plenty of practice! The thing to strive for is improvement. One of the best ways to improve is to experiment with new recipes.

This first recipe is an example. I thought I had some wonderful chicken recipes—and used the same ones over and over. Then—recently someone told me about this one. Now it's my favorite.

Company Chicken

Melt 1½ sticks of butter in oven in a large pyrex dish. Salt, pepper and paprika eight chicken breasts. Brown the chicken in the melted butter in the oven for about 15 minutes on high heat.

In the meantime, empty 2 cans of mushroom soup into a saucepan. Heat and dilute with 1 cup chicken broth (may use chicken boullion cube). Add 4 tablespoons of sherry or equivalent of sherry flavoring.

Pour sauce over the browned chicken and cook at 350 degrees for 40 minutes longer.

This is wonderful served with rice. Spoon some of the sauce gravy over the rice also.

Seasoned Green Beans

2 pounds green beans
2 or 3 tablespoons bacon drippings, or ½ stick butter
Salt to taste

Cook the beans in the usual manner for 20 minutes. Add:

½ medium-size onion, chopped fine
Juice of 1 lemon
4 tablespoons tomato catsup
1 tablespoon chili sauce
1 teaspoon sugar
Red and black pepper to taste

Cook down low until most of liquid is gone.

Pound Cake

Mrs. Tommy Rogers, of Indian Trail, North Carolina, sent us this recipe for Pound Cake. She is very enthusiastic about how good it is, so we are passing it on to you.

2¼ cups sugar
1¼ cups butter
5 eggs
1 cup milk
3 cups sifted flour
1 teaspoon baking powder
1 teaspoon vanilla
1 teaspoon lemon juice

Cream butter and sugar. Add one egg at a time, beating well after each egg. Sift flour with baking powder and add alternately with the milk. Add flavoring. Butter tube pan and sprinkle lightly with flour. Bake at 300 degrees for 1 hour and 10 minutes. Do not open oven while cooking.

Pineapple Torte

1 stick butter
1 cup sugar
2 egg yolks
1 cup milk
24 graham crackers—crushed
½ cup broken pecans
1 teaspoon vanilla
2 stiffly-beaten egg whites

SECOND MIXTURE

1 small can crushed pineapple
1 cup sugar

Cream butter and sugar. Add slightly-beaten egg yolks, crushed graham crackers, milk, pecans and vanilla. Mix well. Fold in the stiffly-beaten egg whites. Pour into buttered baking pan and bake for 30 minutes at 325 degrees.

While torte is baking, empty 1 small can crushed pineapple into saucepan and add 1 cup sugar. Cook for 15 minutes. Pour over the torte as soon as you remove it from the oven.

Macaroon Charlotte

1 rounded tablespoon plain gelatin
¼ cup cold water
¼ cup boiling water
1 pint stiffly-beaten cream
½ cup sugar
1 teaspoon vanilla
12 macaroons—crumbled
12 soft marshmallows—diced
¼ pound candied pineapple—diced
1½ cups blanched almonds

Soak the gelatin in cold water for 5 minutes. Then pour the boiling water over it and stir until dissolved.

Whip the cream and add sugar and vanilla.

Fold the fruit, nuts, marshmallows and macaroon crumbs into the whipped cream. Add the dissolved gelatin and fold lightly. Chill.

Macaroon Ice Cream

1 pint vanilla ice cream—softened
½ pint cream—whipped
7 day-old macaroons—crumbled
1 tablespoon sugar
½ cup sherry

Blend the whipped cream with the softened ice cream. Add crumbled macaroons, sugar and sherry and place in freezer compartment of refrigerator.

(This is one of the many recipes that I have gotten over the years from my sister in Mississippi. She is about the best "cook" I know!)

Curried Chicken

1 cup celery
2 tablespoons chopped onion
2 cups cooked rice
2 cups cooked and chopped chicken
2 oz. can broiled mushrooms
¼ cup mayonnaise
1 teaspoon curry powder
1 tablespoon lemon juice
Salt to taste

Saute celery and onion in butter over low heat until tender. Combine all the other ingredients and stir lightly. Place in casserole and bake for 20 minutes at 400 degrees.

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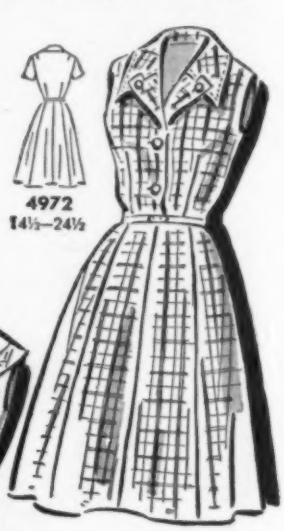

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9340
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by Walter R. Courtenay, D.D.

A New Dimension to Prayer

CONGRESS is back in session. What our representatives and senators say and do determines in many ways the future prosperity and security of our land. They, with the President and his cabinet, are the custodians of our future.

In the light of these facts, let me ask you a question: Do you daily pray for these men and women who are designated by us to watch over our security, well-being and peace? Do you back them up with God's power?

If we really believe in the power of prayer, if we really believe that prayer makes a difference in the arrangements of life, if we are sincere in our faith in our Sovereign God, then we ought to pray for those who are responsible for both the making of, and the enforcing of, our laws.

Is there not a possibility that our prayerlessness in this important area of national life is responsible for inferior laws, and even for wrong inferences from laws enacted? Do not we, by our failure in prayer, make ourselves disloyal citizens who betray America into unworthy hands?

It is my conviction that the Christians of America who are constantly concerned about the State of the Union, and who do not pray for those responsible for the State of the Union, are guilty of a gigantic sin of omission. If we do not back them with our prayers, asking God's guidance of them, and if we do not write them, giving them encouragement and "some homemade guidance," why should we blame them for failures that are in part our own?

A campaign of prayer for our leaders in state legislatures and in Congress is in order. "More things are wrought by prayer than this world dreams of." Why not make America the prayingest nation in the world? Why not make *our* prayers part of national policy?

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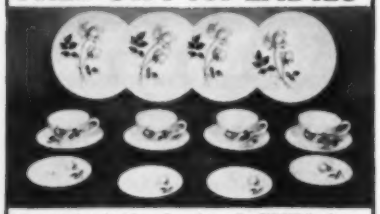

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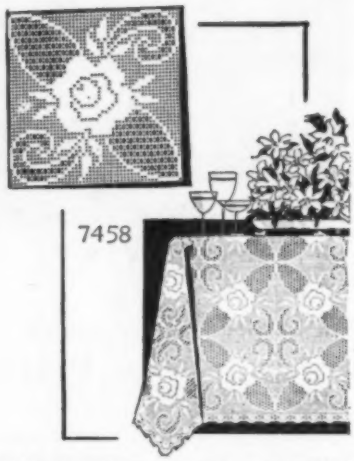
Needlecraft: Gay as Spring!



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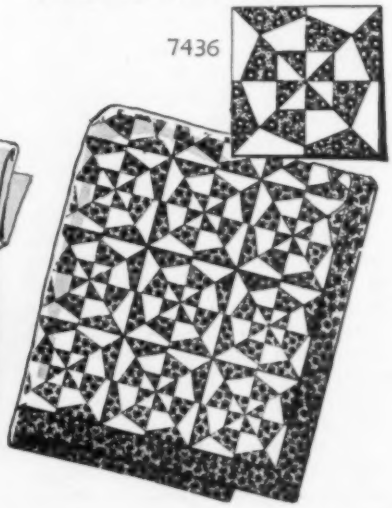

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for
Health's Sake

Highway Safety

THINK of a city of a million and a quarter people with a large suburb of 40,000—and imagine that suddenly every person in the city were injured and every man, woman and child in the suburb killed. Such is the annual injury and destruction in America from auto accidents.

What can we do about it?

Each person that drives should feel a sober responsibility to drive as safely as possible; a safe driver is the first and most important factor in reducing the risk of auto accidents.

The driver should be alert, thoroughly awake, free of physical defects that increase driving risk and free of alcohol in his system. Alcohol has been variously estimated to be a factor in 20 to 80% of serious auto accidents, and two beers or one highball make a driver unsafe for at least an hour.

Contrary to common opinion it is more hazardous to drive in the country than in the city. Excessive speed is the most common violation in producing fatal accidents, with violating the right-of-way and crossing to the left of the center line of the highway following closely.

To prevent auto accidents many measures have been proposed. The American Medical Association has officially recommended that Congress set up "a national body to approve and regulate safety standards of automobile construction." It is certain that injuries and death could be reduced by the universal use of seat belts, crash padding, safety door locks, collapsible steering wheel assemblies, seats that prevent the neck from being snapped back and the elimination of sharp interior and exterior projections.

Emergency care of the injured is necessary. The manner in which an accident victim is handled before he gets to a hospital is of utmost importance. First aid kits should be in every car, and first aid training should be widely encouraged.

We can expect a 45% increase in automobile mileage in the next 10 years. Whether this means new records of death and injury on our highway depends on you.

—*R. M. Metcalfe, M.D.*

Gabriel Heatter Hails New Way To Hear With NOTHING in Either Ear

CHICAGO (Special)—An amazing new almost invisible way to hear again—a boon to folks who hesitate to use a hearing aid for fear of being stared at—was announced Sunday by Gabriel Heatter over the Mutual Broadcasting System.

"I urge everyone with a hearing problem to read a remarkable book that reveals exciting facts about hearing glasses," Heatter advised. "Discover how easily you may hear again with no receiver button, no tube, no mold in the ear, no cords. Nobody would be aware you're hard of hearing!"

Heatter disclosed that Beltone's new way to hear through eye glasses—ideal for many moderate and conduction losses—enables people to enjoy normal, easy conversation . . . to stay actively happy in family, social, church and business life.

"It's as easy to hear again this way," Heatter said, "as to put on an ordinary pair of glasses. There's nothing to fuss with or fiddle with. Nothing to put in or take out of either ear. You feel so at ease, so poised, so free from nervous strain."

The exciting book about this new way to hear will be sent FREE in a plain wrapper on request. No obligation. It may make a wonderful difference in your hearing and your happiness. For your FREE book, write: Dept. 4-054, Beltone Hearing Aid Co., 2900 W. 36th St., Chicago 32.

Shoppers' Market Place—Turn to the Classified Department in this magazine to fill your farm and home needs. You'll find scores of items advertised, possibly just what you've been looking for.

Doctor's Combination of Ingredients Stops Stomach Gas Before It Starts

Thousands of people who suffered for years from gassy stomach, heartburn, belching after meals and other symptoms of acid indigestion now report wonderful relief, thanks to a remarkable formula developed by a prominent doctor and known as Dr. Pierce's Golden Medical Discovery.

Containing not just one or two, but a *special combination of 7 ingredients*, this famous medicine is designed to stop stomach gas before it starts.

Instead of upsetting the delicate acid-balance of the stomach, as too frequent use of soda and alkalizers often does, Dr. Pierce's Golden Medical Discovery promotes more normal stomach activity.

Taken regularly, it tones up your digestive system and helps you avoid gas pains, heartburn and sour stomach. Once your stomach is working properly, you can eat what you like without distress.

So why suffer? Dr. Pierce's Golden Medical Discovery has helped so many people that over 38 million bottles have been sold. Get it at your druggist's today in liquid or tablets. Money back if not entirely satisfied.

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Conversation Piece

Old possessions are decorative news! You'll wonder why you didn't think of this "easy-on-the-budget" decorating idea . . . . .

IF you have more of grandma's things than grandma's money, you can cash them into ideas that will make your home look like a million! The chances are that any number of places in your house need a lift of color or filling up . . . and the chances are that you have the makings at hand. Let's look right now.

Remember that old wooden clock that used to hang over the mantel? Bring it down from that closet shelf; there may be some life in the old thing yet. Dust off that somber old Victorian washstand (it looks just right for that short wall). And this is how we began the pretty picture on page 47 to show you what can be done to make some of those "hand-me-downs" into "conversation pieces." It's so easy, you'll be surprised you haven't thought of it yourself.

Just because the washstand has been replaced by copper plumbing and the worn out clock by a bright faced electric one, doesn't mean that they have to be junked. A little effort and a few pennies will start a fresh new life for these old-timers.

Many older houses have hidden assets like the one where this picture was taken. Years ago a room had been added and it backed up to the kitchen which had a brick fireplace. When we discovered that the bricks were there, behind the wall board, it seemed a pity to lose the early American atmosphere . . . so we tore down the boards and exposed the beautiful old bricks. A little scrubbing with a hard wire brush was all that was needed to bring out the lovely

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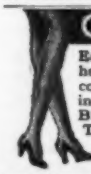
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old quality of the hand-made bricks.

I won't tell you what kind of room this setting is in because it would look lovely in any number of places . . . an Early American bedroom . . . a breakfast room . . . a hallway . . . a kitchen corner! So just you begin to use your own imagination and do for yourself what we did in this house.

Our idea started with the clock. It was hopeless to try to get it to run again, especially when the pendulum was broken, so we decided to make a hanging cabinet out of it. The works and face of the clock were removed and then came the moment of decision! Should the case be painted or refinished? Either would look good in the room, so we decided to refinish and, if the wood was too marred when the old stains and shellacs were off, we could always paint at that time.

The same problems presented themselves with the washstand. So . . . refinish we did. Our formula for refinishing may not be the easiest and most scientific, but from experience we have found it to give the best results. All we do is to use any non-wax based paint remover. Enough of a coat to let it soak in for a while will loosen the old finish and then you scrape off what loosens with a putty knife. Repeat this until the wood is bare. Allow the wood to dry. You will find then that a wire brush can get into the crevices of the decorations, and yet leave just enough of the deeper color to give a shadow into the design.

When you have removed the finish the next step is easy. Sand the flat surfaces lightly with triple 0 sandpaper . . . just enough rubbing to remove the fuzziness. Wipe away the wood dust thoroughly. If you like the light, airy look of the bare native wood, don't apply anything more at this point than a light coat of any clear wax.

Now for the change-over. The empty clock case was measured for glass shelves (made a quarter of an inch shorter than measurement) and small strips of wood were set in on either side of the case to hold the glass. Remove these shelves while you paint the inside of the clock. We chose a Bristol blue to match the color of the antique shoes you see on the marble top of the washstand.

The lovely china bird shows to wonderful advantage against the background color and the cups with saucers repeat the hues of the flowers set in the cruet.

Paint any old chair black and add a flat seat cushion in repeat colors . . . the result, as you can see, is a harmonious, happy spot of design. Everyone who sees this charming bit of ingenuity will want to go straight home to ransack their own attics.

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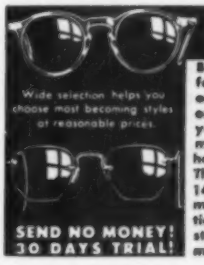

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Letters

(Continued from page 6)

• • • Tom, a bunch of us had the time of our lives reading your speech in *The Independent American.* It was simply great.

What this country needs is a real American in the White House.

More power to you.

A. Rogers *Santa Ana, Calif.*

Benson's Place in History

• • • I enjoy all of Tom Anderson's articles—as well as your magazine generally—but I especially enjoyed his article about attending church services conducted by Secretary Benson in Moscow recently. . . . Benson's place in history will be as one of our ablest Agricultural Secretaries. . . .

H. C. Broadfoot Germantown, Tenn.

Changes in Farm People

• • • I enjoy all your editorials, but the December issue tops them all.

I have noted some changes in the philosophy of farm and ranch people in my 25 years of Extension work. Realizing these people are "the salt of the earth," I sincerely hope they do not drift too far from the Christian principles, upon which this nation was founded. . . .

W. T. Posey, County Agent
Ft. Stockton, Tex.

• • • No one that wrote such an article about religion (December "Straight Talk") can be a backslider. A man who publicly declares his faith in God and belief in Christian religion as you did, deserves a halo instead. . . .

Mrs. John W. Sims Decatur, Miss.

Faithful Few

• • • Thank you for your report of your visit to Russia. Your December "Straight Talk" is a real challenge to our indifferent American Christians. I am teacher of a Sunday School class of married folks, and while there are a faithful few who attend regularly, with an enrollment of about 80 we have an average attendance of 15. I try not to be a "preaching" teacher, but this is one time I would like to ask a special favor: 40 copies of your December "Straight Talk" or your permission to duplicate this article.

Just an additional comment. Your articles are always challenging, and even though I disagree with you at times, I am thankful you and I have the privilege of disagreeing.

Mrs. Cleo N. Ingle Dover, Okla.

(Continued on page 64)

CAN YOU QUALIFY ?

SEE PAGE 63

YOU'LL BE MISSING

A BIG OPPORTUNITY

IF YOU DON'T TURN

TO PAGE 63

CAN YOU QUALIFY FOR THIS GET-ACQUAINTED HALF-PRICE OFFER?

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And for the Farmer's Wife

Every issue of FARM JOURNAL contains within its covers the famous FARMER'S WIFE—a complete magazine for women. Homemakers will find hundreds of proven recipes for mouth-watering dishes that have been tested and developed in the beautiful, new Countryside Kitchens of the FARMER'S WIFE magazine. Every issue has up-to-date fashions; and also features the stylish and practical Simplicity Patterns. The FARMER'S WIFE is chock-full of timesaving and effort-saving hints on housework. There's a separate department for teenage girls. And wonderful ideas for decorating and remodeling that are prepared and presented with *you* in mind.

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Get FREE FACTS

Letters

(Continued from page 60)

The Answer to Farm Problem

• • • I heartily agree with Tom Anderson's view on farming and government. My daily prayer is that God will get the government out of farming. It looks like it is going to take God to do it.

Betty Owen *Old Town, Fla.*

Wants Anderson on Air

• • • I would like to second Fred Allison's suggestions ("Letters," November FARM AND RANCH) that you appear weekly on television and I, too, will bear a part of the expense.

But before I mail this to you I am also mailing a letter to my senators to see if I can get them to stop this vicious cycle of government spending. I hearby challenge all other FARM AND RANCH readers to do the same.

Let's stop agreeing with Tom Anderson and start supporting him!

R. D. Brannon *Albuquerque, N.M.*

FARM AND RANCH editor and publisher Tom Anderson will appear soon on the Manion Forum of the Air. This is a nation-wide radio program featuring outstanding American patriots with Dean Manion. Hope our readers will be listening in.—Eds.

• • • Somebody suggested that you should have been more humane about the crack you made about Mr. K's old lady. Well, that could have been true, a little. I would have added that after turning her loose, she be given anti-rabies shots and black-tongue preventative, along with her bone.

C. C. Smith *Dumas, Miss.*

Truth

• • • Although I disagreed with your editorial letter to Mr. Khrushchev I cannot disagree with this statement in the last paragraph of your letter to me: "Regardless of whether whatever influence I have is on the ascendancy or on the wane I shall continue to say it as I see it and let the chips fall." If all of us did this—we would continue to make errors and mistakes, but in the end, we would have—the truth.

James A. Sinclair *Centerville, La.*

• • • The article, "I dreamed I Saw a Police State," by Bill Kennedy in November FARM AND RANCH was one of the best I have read recently. Wish it could be read by all Americans.

Annie Omimers *Sonora, Ky.*

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PAGE 1948 S. 81 ST. MILW. WISC.
BUY DIRECT

• • • I'd like more information concerning your article on lamb feeding, which appeared in October FARM AND RANCH. Could you send me the address of Mr. Spooner?
Charles H. Price *Quitman, Tex.*

A. E. Spooner, Dept. of Agronomy, Arkansas Experiment Station, Fayetteville, Ark.—Eds.

• • • Where can I buy "Syton DS" described in September "Farming Ahead?"
Charles Long *Plains, Tex.*

Monsanto Chemical Co., 800 North Lindberg, St. Louis 66, Mo.—Eds.

• • • I'd like to have more details about the fertility program outlined in your article, "Farmers Finally Learn about Fertilizer" (December FARM AND RANCH).
Bob T. Scruggs *Paris, Tenn.*

We've asked Louis H. Wilson, secretary of National Plant Food Institute, 1700 K St. N.W., Washington 6, D.C. to send Mr. Scruggs additional information about this program, pertinent to Tennessee.—Eds.

• • • After reading "Maybe that's where the profit is . . ." in your December "Poultrygram," I wonder . . . could you give me ideas for making poultry manure into fertilizer for commercial use?
Julius Elliott *Oxford, N.C.*

Whether it'd be profitable to go into a quick drying and bagging process depends on size of your operation. Small amounts could be air-dried in the open. First problem, however, is finding a market for the processed manure. A. R. Winters, Poultry Dept., Ohio State Univ., Columbus 10, Ohio, can furnish more information about technique of "processing" the manure. —Eds.

Super-beef Calf?

• • • In your article about beef breeding ("It's the Carcass that Counts," January FARM AND RANCH), you talk up crossbreeding with Brahma-type cattle like the coming miracle. Why not cross an elephant with a giraffe and get a real super-beef calf? Calf buyers would like it about as well as those Brahma calves.
A. H. Anderson *Phoenix, Ariz.*

It's true that some cattle buyers just don't like crossbreds—especially with Asiatic (Brahman, Charbray) breeding. In some areas, you suffer several cents a pound dockage for crossbred calves. But note, in the same issue, the report on an Arizona cattleman who PREFERS crossbreds for his feedlots.—Eds.

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Farm Controls?

(Continued from page 32)

can keep raising *their* prices because they *have no serious oversupply*. They cut back, when necessary, to balance up. With few exceptions—the ineffective acreage limitations on basic crops and some tightly-integrated specialty crop operations — farmers do not.

So far, voluntary production cutbacks by farm producers as individuals haven't worked much better than federally-imposed limitations. But production cutbacks by farm producers *as groups*—through marketing orders (and agreements) and through their marketing associations could be the way out—at least for perishables. With most of them, it takes *only a small oversupply*—sometimes, only 2 or 3% —to push prices down drastically.

Could the co-ops cut back production on their own—even with dairy products or other perishables?

- **The now-famous** cranberry growers' group—Ocean Spray Cranberries, Inc.—decides what part of the crop should be sold fresh and what part processed in its own canning facilities.
- **Nearly 100% of the citrus** produced in the California-Arizona area is under a tightly integrated production arrangement—a group of cooperatives banded together into one super co-op using the well-known "Sunkist" trade name.
- **Most of the integrated production** and marketing of Florida's citrus —nearly 50% of the fresh citrus produced in the state—also is controlled by grower co-ops. Several powerful milk producers' co-ops—such as North Texas Producers Assn.—go a long way toward holding down milk surpluses with milk bases, marketing controls—and the protection of a Federal Milk Marketing Order for milksheds.

As long as Uncle Sam picks up the tab for artificially-supported prices and overproduction, crop and livestock producers can hardly be expected to tighten their own belts. With warning that the gravy train is running down, however, you'd be surprised at how much farmers *could* cure their own problems.

(Note: On its editorial page, FARM AND RANCH *has supported the idea of farmer cooperatives—deploring only the unfair tax advantages which co-ops can exploit. And* FARM AND RANCH *has pointed out that—unlike Federal Government's regulation of farmers' affairs—true cooperative controls are voluntary. You can always withdraw if you want to.)*

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Snapping Turtle

(Continued from page 40)

some other way—catch him on a fish hook, or otherwise trap or kill him. Jim Lyster thinks you are crazy to throw him away. Here's how he dresses and cooks them:

It takes most people 30 minutes or more to dress out a 7 or 8 pound snapping turtle. Jimmy can do it in three minutes, using a single-edge razor blade, pair of pliers, sharp knife and a small club.

Simply whop the snapper across the noggin with the club to stun him, grasp head with one hand and make deep cuts at base of head on each side with the knife. Twist, and off comes the head. Use razor blade for cutting through skin around first joint so feet can easily be twisted off.

Cut through skin with razor blade completely around turtle between upper and lower shells, twice, making the incisions about ½ inch apart; then use pliers to pull off strip of skin between the incisions. Turtles can then be quite easily pulled apart, with only the frying meat clinging to the lower shell.

The frying meat can easily be quartered and cut loose from the bottom shell with a jack knife, making it all ready for the skillet. Batter and fry exactly like frying chicken (only you fry turtle meat about twice as long).

The liver and top shell make turtle soup. Boil top shell until the outside top layer peels off; the part of the shell left is the main ingredient for soup. Put the peeled top shell and liver in a soup pot, add a good assortment of vegetables, season to taste, add the necessary amount of water and boil exactly like beef-vegetable soup.

Both fried turtle and turtle soup are considered rare, delicious dishes.

No Major Beef Bust Coming

COLLAPSE in cattle prices ahead? No, a weakening, maybe; but the danger of a real jolting *bust* this year or next is about gone, believes Dr. Herrell DeGraff, chief of a special fact-finding committee of American National Cattlemen's Assn. DeGraff explains that the publicity given to 1959 warnings of impending beef price sags apparently has scared off some speculators and drug-store cowboys. So cattle numbers in the current cycle have *not* built up too high. Too, recent low prices may slow down the 1960 buildup enough to keep supply more in line with demand.

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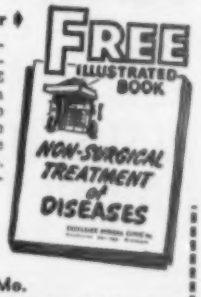

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What's to keep cholera from striking harder?

FOR 15 years, most farmers kept their pigs vaccinated against cholera. A wall of immunity was built up, and the number of outbreaks fell off sharply. Then many of them quit vaccinating; "no need to" . . . until 1959.

"Penny wise and pound foolish," farmers then found out. So did the inexperienced new producers. The cycle was right again, and cholera was in their herds. It was spottily reaching across the country, though most Southern hog raisers missed having it. The largest Southern outbreaks were in Virginia and North Carolina. Louisiana reports four area outbreaks; one of them was considered heavy. Other states reported several isolated cases to FARM AND RANCH.

"Now, seeds of the disease are scattered over most of the country," says Robert D. Baldwin, American Foundation for Animal Health. "There isn't the immunity we used to have."

G. B. Phillips, Alabama Extension hog specialist, says: "Outlawing live virus was the most forward step ever taken in this state in behalf of the swine industry." But there are those who don't believe outlawing live virus answers the problem.

Phillips calls for "a coordinated drive to get *all* states to ban the use of live virus (many of them already do), and then initiate a real eradication program nationwide."

In Alabama, tissue vaccines are supplied without charge by the state to farmers in those counties which have an organized control program. The hog raiser pays only the cost of injecting the material—about 15 to 25 cents.

"We continually talk eradication," says George W. Litton, head of the Virginia Department of Animal Husbandry. "But it can't be done yet." He says all Virginia county agents and veterinarians have been alerted to the control program and told "to get with it."

In North Carolina, the outbreak of cholera confronted the State Department of Agriculture with large numbers of unvaccinated or susceptible hogs. H. J. Rollins, state veterinarian, says the basic causes of the cholera outbreak were:

- Failure of herd owners to vaccinate with large doses of anti-hog-cholera serum immediately after finding one or two cholera-sick hogs.
- Vaccinating exposed animals

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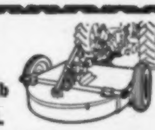
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Rollins says excellent results have been obtained in the cholera area by vaccinating 7-to 10-week-old pigs with properly-refrigerated, modified virus vaccine, combined with a minimum dose of anti-hog-cholera serum. Large doses of serum are used if the pigs are unthrifty or weigh more than 50 pounds.

For healthy, unexposed pigs, Rollins recommends 20 cc's of the serum with potent modified virus vaccine. A minimum serum dose of 30 cc's is recommended for exposed hogs, or hogs on a farm where cholera is present.

In Maryland, where cholera was present last year on about 25 farms, Dr. A. L. Brueckner, director of the Livestock Sanitary Service, says: "The continuation of vaccination, the cooking of garbage and close control over the sale and movement of hogs will help prevent extensive outbreaks."

An additional protection you'll want to be cautious about is introducing new animals to the herd. And be watchful of the animal, vehicle, feed sack and human "visitors" to your hogs.

If your guard is left down, and suddenly you begin to suspect your hogs have cholera—they have a staggering, weaving walk, prefer to lie down—you can give temporary protection to those which haven't yet sickened by using anti-hog-cholera serum. A vet should check the herd, since there are several other diseases which look like cholera. If he diagnoses cholera, neighbors should be warned.

Vaccinating pigs annually—at a cost of 75 cents to $1.50—will still be the only way to keep cholera from striking, even in 1960. There is no easier way to get the job done.

Feeder Price Outlook: "Level"

THE CURRENT "leveling-off point" in prices of stocker-feeder cattle (they dropped in late fall to $3 to $6 below fall of 1958) should hold through the winter, believes Lloyd W. Bergsma, Texas Extension marketing specialist. However, there'll be a slight improvement in prices—especially on stockers—as grass greens up in the spring, he adds.

Bergsma predicts that lamb prices in 1960 will average only slightly below 1959 prices.

Number of sheep in the country is still rising, Bergsma points out. It increased 1.3 million during 1958, and about ¾ million during 1959.

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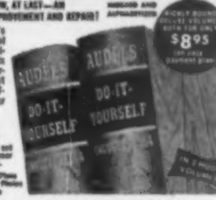
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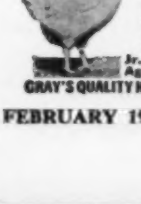

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Do you want BETTER CHICKS for LESS money? Do you want LAYERS? For 20 straight years, more people have chosen Colonial CHICKS for PROFIT than any other kind! World leadership shows prices and breeding are right! Your favorite breed at its best.

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For Greater Profits — Pullorum Clean — U. S. Approved Assorted Chicks. — feb.

Julian's—King Size WHITE LEGHORNS BROWN LEGHORNS, AUSTRA-WHITE LEGSHIRES, HAMP-WHITES, Asst'd	Laying Type WHITE ROCKS NEW HAMPSHIRES and PRODUCTION REDS, asst'd	Asst'd Junior ROOSTING AGE PULLETS
St. Run 8.90 per 100; Pullets 16.90 per 100	St. Run 8.90 per 100; Pullets 14.90 per 100; Cockerels 7.20 per 100	28.90 per 100

— Save 25% on your chicks. Write for FREE Catalog on 3 year plan —
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OILERS As Low As $26.95 DELIVERED

SHIPPED "Completely Assembled"!

Completely NEW! Entirely DIFFERENT!
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Super-matic action keeps giant steel-guard rubbing element fully saturated. No pump! No valve drip! No waste of oil! Insecticide released only as cattle rub. 5-Gal. oil supply lasts for weeks. No service problem! No installation problem! Mount them on any post, tree or side of building. Fill 'em and forget 'em.

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Hei-Class — Hei-Profit
HEIMAN'S CHICKS
Big Husky English WHITE LEGHORNS
Austra-Whites, Brown Leghorns, New Hampshires, White Rocks, Legshires, Leg Hamps, Anconas, and Black Minorcas. asstd. fob.

St. Run	Pullets	Roosting Age Pullets
$7.99 per 100	$13.99 per 100	$32.90 per 100

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HYBRIDS? LET THEM TRY TO BEAT HARMONSON'S!

"Don't want any more hybrids—me for HARMONSON'S from now on!"—Mrs. W. T. Ussery, Royse City, Tex. . . . "Yes, we tried hybrids—they did not produce like HARMONSON'S."—J. H. Click, Lovelady, Tex. . . . "Have compared our HARMONSON'S with the neighbors' hybrids—and sure wouldn't change."—Mrs. T. C. Lewis, Sunset, Tex. . . . "Have tried hybrids—they layed small eggs"—Mrs. D. L. McMillan, Franklin, Tex. . . . NOW—why do we KEEP getting statements like this in our mail? They're from old-time, year-after-year buyers of these amazing HARMONSON BIG English type white Leghorns, who strayed away to hybrids, ONE TIME, and then back they came. NOW—why not make your OWN pen test? A pen of HARMONSON'S, a pen of hybrids. Then remember our guarantee: "YOU must be satisfied with HARMONSON birds, or we will see that you are."

A. B. HARMONSON
Box 41 Keller, Texas

"GUARANTEED 100% HEAVIES! Rocks, Reds, Rock-crosses $4.75—100. Heavy Breeds Straight Run $7.90; Pullets $13.90. "DELUXE" Quality Barred Rocks, White Rocks, New Hampshires, Rhode Island Reds, Wyandottes, Redrock Sexlinks, your choice Straight run $9.95; Pullets $17.95. Meaty White Rock Cockerels $5.95—100. "PEDIGREED" White Leghorn Pullets $21.95, Straight Run $9.90. Live Guarantee, FOB nearest hatchery. COD prompt shipment. RUBY CHICKS, Dept. SA-6, Norfolk, Virginia."

BIG ENGLISH TRUE TYPE WHITE LEGHORNS. 358 egg bloodlines. Straight breeds, crossbreeds, and strain crosses. Egg production all the way. Heavy pullets $14.90. Surplus cockerels $3.95. Leghorn cockerels $1.50. Write for prices and folder showing these wonderful layers. US Approved, Pullorum Typhoid Clean. Clinton Chickeries, Box 87FR, Clinton, Mo.

NEW WHITE EGG SENSATION BOOTH-LINES 351's

In the 1958 Missouri Laying Test Booth's New Style 351 layers, with a record of 279 eggs—302 pts., were high pen over all Crossbred and Incrossbreds in ALL Standard 1958 U. S. Laying Contests.

Booth 351 Top Profit Qualities
MORE VIGOROUS UNIFORM SIZE — MORE RESISTANT TOP LIVABILITY

Lay More Top Grade Eggs
More Profit—Up To $4.55 Per Hen

The improved feed conversion of Booth—351's makes this new white egg layer a Top Profit Favorite with commercial floor and cage operators.

Save Up To 20c Per Pullet Chick

Many breeders of comparable quality ask as much as 20c MORE than we ask for our BOOTH-LINE 351 pullet chicks. WHY PAY MORE?
OUR FREE CATALOG gives our low prices and shows in Natural Colors our breeding farms and Champion Layers. Also gives full information about Booth-Line 351's and our White Leghorns, Rocks Deep Red R. I. Reds and New Hampshires. Write Today for BIG DISCOUNTS ON ADVANCE ORDERS.

BOOTH FARMS
Box 943 Clinton, Missouri

JUST READ THE RECORD — DO YOUR HENS LAY LIKE THIS?

Here's the record of just 26 HARMONSON pullets, for the blistering hot month of August. The egg record, day-by-day: 20-18-22-23-23-25-18-23-20-22-22-19-21-22-21-20-20-18-26-21-19-22-18-23-20-19-21-21-24-20-23 . . . Flock owned by Mrs. Guy Carey, Bokchita, Okla. She put these chicks down Jan. 26th; picked up her first egg June 26—5 months old. "I'm getting more eggs than any of my neighbors," she writes; "and such wonderful BIG eggs! And so chalky-white! I can't praise these HARMONSON hens enough." . . . Say—with egg prices scraping bottom, what kind of pullets are YOU going to have on YOU'R nests this year? You CAN have THIS kind—HARMONSON big, English type White Leghorns, IF you rush that order in NOW! Choice early dates go fast, every year. If you don't have it, hurry off a postcard for price list, NOW! To

A. B. HARMONSON
Box 41 Keller, Texas

BABY CHICKS

HOW DO YOUR HENS LAY IN THE BITTER COLD WINTER?

"My 47 HARMONSON pullets are laying 80 PERCENT!" Mrs. Ed Hughes, R. L. Carbon, Tex. . . . "Have 224 HARMONSON pullets—laying 73 percent; cleared $63.50 on eggs, after feed cost, in three and a half months."—Mrs. Wayne Williams, McMillan, Okla. . . . "My HARMONSON pullets began laying a little over 5 months; now laying 80 PERCENT. Have bought HARMONSON chicks for 10 years, and you can see why."—K. A. Cannon, Hobart, Okla. . . . "My 100 HARMONSON pullets, with some old hens, laying over 77 percent. Eggs are so LARGE, some won't go in the carton."—A. P. Upchurch, Lufkin, Tex. . . . Man alive, we could run PAGES of such statements from HARMONSON flock-owners. Isn't that the kind of hens YOU want? Then RUSH post-card for prices and choice early hatch dates still open—TODAY—to—

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Box 41 Keller, Texas

HY-LINE 934-C

The layer that won the recently completed Texas Random Sample Egg Production Test with a top income of $2.409 over feed and chick cost.

Baby Chicks and started pullets available every week from

WILSON POULTRY FARM & HATCHERY
Clyde, Texas

WANT PULLETS that lay 85%? Pullets as low as $26.90. Theo. Jeschke, St. Joseph 63, Mo.

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LEGHORNS: English Whites, Buffs and Browns.
MINORCAS: Big Bone Black and Buffs.
ANCONAS: Large White egg layers.
RARE AND FANCY: Polish, Buttercups, Blue Andalusians, Hamburgs, Brahmas and White Faced Black Spanish.
CORNISH: Dark and White Cornish Games.
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HEAVY BREEDS: Barred, White and Partridge Plymouth Rocks, Rhode Island Reds, Silver Laced, White and Columbian Wyandottes, New Hampshire Reds, Orpingtons, and Black Australorps.
Hatching all Rare and Popular breeds of chickens, twice weekly the year around. Selected blood lines in champion quality.
Write today for our large FREE 1960 Calendar with all chickens in Natural Color.

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Black Minorcas, Brown Leghorns and other popular breeds. asstd. Big FREE Catalog. St. run . . . $7.40 per 100
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ANDALUSIANS BLUER THAN BLUEBIRDS
Blue Andalusian chicks, eggs for beauty, fast growth, best layers. Chalk white eggs. Free handsome, illustrated catalog, colored pictures, 67 breeds.
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SPECIAL BROILER CHICKS—Fast growing strains, Christie New Hampshire, Arbor Acre White Rocks. Also 3 full breasted crosses. Stillwater Hatchery, Dept. RB, Stillwater, Oklahoma.

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AMERICA'S LARGEST PRODUCERS, direct importers, Heavy Producing DANISH BROWN LEGHORN chicks. SNOW-WHITE EGGS. SPECIAL prices, free information. Smith Chickeries, 407 Monroe St., Mexico, Mo.

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Phenomenal laying chicken famous as Europe's "Egg Queen"! Lays large snow white eggs. Extra sturdy! Lays early and all year. Imported direct. Catalog free.
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LARGE-TYPE ENGLISH White Leghorns—300 egg breeding, combining size and production. Prompt shipment. Free catalog and prices. Stillwater Hatchery, Dept. RL, Stillwater, Oklahoma.

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Nelson's
DARBY STRAIN
Leghorns

CONSISTENT WINNERS OF NATIONAL EGG LAYING CONTESTS

Darby Leghorns have had the Top Ten-Year Average in standard egg laying tests for Leghorns for seven consecutive years.

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Write for detailed information on the winnings made by these Darby Strain Leghorns. They will make you more money! They lay more No. 1 eggs, fewer smaller ones, and gain egg size fast.

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LARGE TYPE BIG EGG WHITE LEGHORNS PULLETS $13.95 UP PER 100 FOB

Ho-Line 360 Wh. Egg Layers 331 Egg Records HO-CROSS 365. TOP CROSS HYBRIDS.

3 Matings, US Approved. STARTED PULLETS. SUPER-TEST layers produced 85 to 90% Eggs. "Farm Tested". Save up to 25% on your Chicks. 34 years improved Breeding has increased Profits with SUPER-TEST Chicks. Over 25 million sold to Customers in 40 States. 100% live Delivery. Postpaid—14 Day Guarantee. For BIG Cash SAVINGS, write today for Color Catalog FREE.

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Exclusive producer of McLine Champion Layers, largest Eggs two years succession 1957-1958 Laying Contest Texas State Fair biggest in the world. Do you want the best and improve your egg size & production.

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STRAIN CROSS—Ideal H-3-W Strain Cross Hybrid White Leghorns. The 1957-59 Three Year Award Winners in the Missouri Random Sample Egg Laying Test. Highest last two year average for income in the Texas Test. Ideal H-3-Ws are Tops for Profit. Write for free folder and price list. Ideal Hatchery & Poultry Farm, Box 710, Cameron, Texas.

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World's Largest Producer. US Approved Pullorum Clean.34 yrs. Breeding—Pioneer Strain. Easy to raise. More Eggs on Less Feed. BIG DISCOUNTS on DAY OLD, PREPAID. STARTED PULLETS. Colored Picture Catalog FREE.
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RARE, FANCY, ORNAMENTAL CHICKS. Free "How To Win Prizes" Bulletin. 4H Discount. Golden Rule Guarantee assures satisfaction. Choice: Andalusians, Auracanas (lay blue, green eggs), Bantams, Dark Brahmas, Buttercups, Campines, Partridge Cochins, Cornish, Dorkings, Frizzles, Hamburgs, Houdans, Langshans, Lakenvelders, Orpingtons, Bufflaced Polish, Silver Penciled Rocks, Spanish, Sussex, Turkens, Yokohamas. Also many others. Turkeys, Guineas, Started Capons. Free Colored Brochure. Stromberg's, Fort Dodge 23, Iowa.

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Cherries, pears, plums, nut trees, strawberries, blueberries, dwarf fruit trees. Grapevines 10¢. Shrubs, evergreens, shade trees, roses 25¢ up. Quality stock can't be sold lower. Write for FREE color catalog and $2.00 FREE bonus information.

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GREAT SENSATION PECAN TREES. Best for COMMERCIAL and shade. Nuts 2 and half inches long 4 inches around. Beautiful sight seeing the large pecans hanging on trees, Pecans are large as lemons hanging on trees. Very thin shell. Nuts fill out good, DISEASE RESISTANT TREES. Trees are grafted. Earliest bearing variety to plant. C. E. TOLLISON, Laurens, S.C.

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SPRING CLEARANCE SALE ON NURSERY STOCK

Each plant is labeled, freshly dug, and expertly packed to arrive in top condition . . . GUARANTEED TO PLEASE YOU. Shipped direct from our farm to you. Planting instructions included in each order.

ROSE BUSHES 29c each

2 yr., field-grown, blooming size bushes. All monthly bloomers in these varieties.

REDS	YELLOWS
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PRICES ON ROSE BUSHES, 29c each, 6 for $1.65, 12 for $2.89 . . . your choice of varieties.

FLOWERING SHRUBS (1½ to 3 ft. tall) AS LOW AS 9c

	EACH	5 plants for
GOLDEN BELL, yellow flowers	$ .09	$ .40
RED BUSH HONEYSUCKLE, red clusters	.19	.90
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PINK WEIGELA, dainty pink trumpets	.15	.79
CRAPE MRYTLE RED, south's favorite	.39	1.69
CRAPE MRYTLE PINK, lovely pink blossoms	.37	1.63
DEUTZIA, white and pink flowers	.09	.40
HYDRANGEA PINK, huge pinkish white	.39	1.69
SPIREA VAN HOUTTEI, white flowers	.10	.45
ALTHEA DOUBLE RED, huge flowers	.19	.90
ALTHEA DOUBLE WHITE, clear white blooms	.09	.40
CYDONIA JAPONICA, red burning bush	.49	2.29
OLD FASHION LILAC, purple blossoms	.34	1.65
PERSIAN LILAC, old favorite, orchid	.25	1.09
SNOWBALL, huge, white flowers	.29	1.25
PINK BUSH HONEYSUCKLE, soft pink	.19	.95
MOCK ORANGE, old favorite, white	.10	.45

(All above flowering shrubs 1½ to 3 ft. tall)

EVERGREENS (for lasting beauty) AS LOW AS 15c

	Each	3 for
JAPANESE LIGUSTRUM, glossy, ½ to 1 ft.	$ .15	$ .40
WAX LEAF LIGUSTRUM, 2 yr. plant, 1 to 1½ ft.	.49	1.39
ABELIA, glossy leaves, 1 to 1½ ft.	.19	.50
PAMPAS PLUME GRASS, 1 to 2 ft.	.29	.79
NANDINAS, fiery red ones, 1 to 1½ ft.	.49	1.39
GARDENIAS, white blooms, 1 to 1½ ft.	.49	1.39
GLOBE ARBORVITAE, cemetary plant, 1 ft.	.89	2.49
MAGNOLIA, huge white bloom, 1 to 2 ft.	.59	1.69
PFITZER JUNIPER, low spreading, 1 to 1½ ft.	.79	2.29

WINDOW BOX EVERGREENS (Dwarf Growing)

	Each	3 for
BOXWOOD, tiny leaves, ¼ to 1 ft.	$ .49	$1.39
BABY DOLL GARDENIA, ½ to 1 ft.	.49	1.39
GOLD SPOT DWARF JAPONICA, showy, 1 ft.	.79	2.29
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30 SOUTH PRIVET EVERGREEN HEDGE for	.79
100 SOUTH PRIVET EVERGREEN HEDGE for	1.39

FAST GROWING SHADE TREES

	Each	3 for
CHINESE ELM, 2½ to 4 ft. tall	$ .25	$ .70
CHINESE ELM, 5½ to 7 ft. tall	.69	1.98
LOMBARDY POPLAR, 3½ to 5 ft. tall	.29	.85
SILVER MAPLE, 3 to 4 ft. tall	.19	.53
SILVER MAPLE, 5½ to 7 ft. tall	.79	2.29
ARIZONA ASH, 4½ to 6 ft. tall	.69	1.98
WEEPING WILLOW, 4½ to 6 ft. tall	.49	1.39

FLOWERING TREES

	Each	3 for
PINK FLOWERING MIMOSA, 3½ to 5 ft. tall	$ .25	$ .69
PINK FLOWERING MIMOSA, 5½ to 7 ft. tall	.69	1.98
RED FLOWERING PEACH, 2½ to 4 ft. tall	.69	1.98
PINK FLOWERING PEACH, 2½ to 4 ft. tall	.69	1.98
CRAPE MRYTLE TREES, red or pink, 5 to 6 ft.	.69	1.98

FRUIT TREES

PEACHES: Varieties . . ELBERTA; J. H. HALE, RED HAVEN, GOLDEN JUBILEE, BELLE GEORGIA, HALE HAVEN, EA. ROSE. PRICES ON PEACH: 1 to 2 ft. . . . 29c ea., 2 to 3 ft. . . 49c ea. 3½ to 5 ft. . . 69c each. (Specify varieties wanted)

APPLE TREES: Varieties . . RED DELICIOUS, RED JUNE, EARLY HARVEST, YELLOW DELICIOUS. PRICES ON APPLE: 1 to 2 ft. 49c ea., 2½ to 4 ft. . . 59c ea. (Specify variety)

GRAPE VINES: Varieties . . CONCORD, CARMEN, NIAGRA PRICES ON GRAPE VINES, 2 yr. plants ..... 59c each

MAGNOLIA FIGS: (large fruit) 1 to 2 ft. ..... 69c ea.

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These plants are nursery grown outdoors from seeds, cuttings or budded stock never transplanted. Inspected by the Texas Dept. of Agriculture. It gives you an opportunity to buy at low grower prices.

WE GUARANTEE ALL PLANTS as advertised and to please you. If you are not entirely satisfied on arrival, we will either replace or refund your money.

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BONUS PLANTS: On all orders over $3.00 you get 2 extra flowering shrubs (our choice). On all orders over $5.00 you get 4 extra flowering shrubs (our choice).

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Flowering Shrubs fresh dug out of the field. Every plant will be labeled.

Spirea Van Houttei 1 to 2 ft.	.10 ea.
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Deutzia White 1 to 2 ft.	.08 ea.
Golden Bells Yellow 1 to 2 ft.	.08 ea.
Pink Spirea 1 to 2 ft.	.10 ea.
Double Pink Flowering Almond 1 to 2 ft.	.69 ea.
Creeping Phlox Pink	.20 ea.
Tamerix Pink Flowers 1 to 2 ft.	.39 ea.
Glossy Abelia Pink 1 to 2 ft.	.15 ea.
Red Snowberry 1 to 2 ft.	.10 ea.
Red Bush Honeysuckle 1 to 2 ft.	.20 ea.
Red Flowering Quince 1 to 2 ft.	.25 ea.
Persian Lilac 1 to 2 ft.	.18 ea.
Hydranges P.G. 1 to 2 ft.	.15 ea.
Mockorange 1 to 2 ft.	.08 ea.
Sweet Shrub 1 to 2 ft.	.12 ea.
Rose of Sharon Mixed Colors 1 to 2 ft.	.08 ea.
Althea Double Red 1 to 2 ft.	.10 ea.
Weigelia Yellow 1 to 2 ft.	.15 ea.
Jap. Snowball 1 to 2 ft.	.49 ea.
Red Crape Myrtle 1 to 2 ft.	.75 ea.
Mallow Marvel Mixed Colors	.19 ea.
Red Osier Dogwood 1 to 2 ft.	.10 ea.
Old Fashion Purple Lilac 1 to 2 ft.	.25 ea.
Althea Double Purple 1 to 2 ft.	.15 ea.
Althea Double Pink 1 to 2 ft.	.15 ea.
Red Leaf Barberry 1 ft.	.19 ea.
Green Leaf Barberry 1 ft.	.15 ea.
Vitex Purple 1 to 2 ft.	.19 ea.
Russian Olive 1 to 2 ft.	.19 ea.
Pink Weigelia 1 to 2 ft.	.08 ea.
FLOWERING TREES	
Magnolia Grandiflorin 1 to 2 ft.	.69 ea.
Mimosa Pink 2 to 3 ft.	.15 ea.
Tree of Haven 2 to 3 ft.	.39 ea.
Red Bud 2 to 3 ft.	.20 ea.
White Flowering Dogwood 2 to 3 ft.	.19 ea.
Pink Flowering Dogwood 2 ft.	.98 ea.
Golden Rain Tree 1 to 2 ft.	.49 ea.
Purple Leaf Plum 2 to 3 ft.	.40 ea.
Double Red Flowering Peach 2 to 3 ft.	.40 ea.
Red Flowering Crab 2 to 3 ft.	.59 ea.
Tulip Poplar 2 to 3 ft.	.39 ea.
SHADE TREES	
Catalpa Fish Bait Tree 1 to 2 ft.	.12 ea.
Chinese Elm 3-4 ft.	.25 ea.
Silver Maple 3 to 4 ft.	.18 ea.
Weeping Willow 3 to 3 ft.	.25 ea.
Ginko Tree 1 to 2 ft.	.49 ea.
Lombardy Poplar 2 to 3 ft.	.10 ea.
FRUIT TREES	
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J. H. Hale 2 to 3 ft.	.39 ea.
Belle of Georgia 2 to 3 ft.	.39 ea.
Yellow Delicious Apple 3 to 5 ft.	.59 ea.
Red Delicious Apple 3 to 5 ft.	.59 ea.
Stayman Winesap Apple 3 to 5 ft.	.59 ea.
Red Rome Beauty Apple 3 to 5 ft.	.59 ea.
Montmorency Cherry 2 to 3 ft.	1.25 ea.
Kieffer Pear 2 to 3 ft.	1.25 ea.
VINES	
Wisteria Purple	.39 ea.
Trumpet Creeper	.15 ea.
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Red Scarlet Honeysuckle	.25 ea.
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RAISE EXTRA CASH EASILY! Large variety lovely gifts, beautiful cards, useful necessities. Fast sellers—excellent profits! Organizations—complete credit. (Approval samples, if requested) FREE catalog. BEBCO, Dept. FR-60, Oneonta, New York.

WALLPAPER SALE: All 49c wallpaper now only 19c per roll. All 69c wallpaper, now only 29c per roll. Write for your free samples at once. Burlington Trading Post, 1800 Burlington, North Kansas City, Mo.

50 WALLET PICTURES $1.25. High quality, size 2⅛-x3⅛, from your photo, snapshot, or negative. Postpaid. Money back guarantee. Clyde Lee, Mountain View-1 Oklahoma.

50 WALLET SIZE PRINTS of your favorite photo $1.50. Your name printed on each picture free. Send snapshot now! Satisfaction guaranteed! Southland, Box 41, Lincolnton, N. C.

INTEREST TO WOMEN

$100 TO $1000

FOR YOUR CHILD'S PHOTO when used for advertising (magazines, calendars, billboards). All ages—all types. Thousands sold yearly! Rush one photo (studio, school, snapshot or wallet) for approval. Returned 2 weeks. No obligation. FREE GIFTS.
NATIONAL PHOTO EXHIBITORS
Box 3035-R8, North Hollywood, Calif.

$50.00 to $500.00 FOR YOUR School, Church, Lodge

EVERYBODY BUYS GOOD CANDY! Your Group can easily raise $50.00 to $500.00 selling Old Fashioned Peanut Crunch or Creamy Mints.
PROFIT! 100% mark up. These one quart size tins cost your Group 50c each and retails for $1.00 each.
SEND NO MONEY! Place your order for 100 to 1,000 cans today. You have 30 days from receipt of Candy in which to sell and send payment. Be sure to give your name, title and complete address, the signature and address of 2nd Officer, name of School and group, Church, Lodge, etc. Number members, shipping date, quantity of each desired, and nearest freight office (no parcel post). Extras will be included free to cover shipping cost. Note this offer is open to "Groups" only.
VERNE COLLIER, Dept. F-21
900 North 19th St., Birmingham 3, Ala.

FREE SAMPLE KITS—Make big money at home making beautiful plastic flowers, plants, colorful puff-bud branches. Send quarter for color catalog. Free sample kits included. Lady Carol, Inc., Dept. FR, Box 8605, Ft. Lauderdale, Fla.

BUY WHOLESALE: 100,000 Nationally Advertised Products. Appliances, Cameras, Sporting Goods, Housewares, Watches, Typewriters, Tools, Clothing, etc. Discounts to 60%. Buy-Rite, Box 258, Hawthorne 23, New Jersey.

MAKE $20.—$30. WEEKLY sparetime at home, using your Scissors, Typewriter or Sewing Machine! Send 25c coin for interesting Catalog! Stillwater, Box 337-F, Morris Plains, N. J.

HOMEWORKERS: EARN MONEY sewing precut ties for us. We supply materials; instructions. NO SELLING! HOME-SEWING, INC. Dept. 135, Box 2107, Cleveland 8, Ohio.

$500 FOR YOUR CHILD'S PHOTO. Mail photo, name, for free report, offer. Returned. STUDIO, 5032BRS Lankershim, North Hollywood, California.

"HOME SEWERS!" Earn $50 fast sewing precut products. No canvassing. Readykut's, Loganville FR, Wisc.

FREE! EXCITING CATALOG of professional cake decorating supplies. Del Rey Guild, 226 Guild Bldg., Venice, Calif.

HOMEMAKERS. Assemble handiaced precut moccasins and handbags. Good earings. California Handicrafts, Dept. 28, Los Angeles 46, California.

$15.00 THOUSAND addressing envelopes, postcards, home—longhand, typewriter. Particulars free. J. Economy, Box 2580, Greensboro, N. C.

EARN EXTRA MONEY mailing our circulars. CASH commissions in advance on all completed returns. ISLANDART, Severna Park, Md.

SEW Aprons at home for stores. No charge for material to fill orders. In our fifth successful year. Write: Adco Mfg. Co., Bastrop 27, Louisiana.

SEW OUR CUT APRONS SPARETIME. Easy, Profitable. Apron Enterprises, Caldwell 6, Arkansas.

MAKE $25 TO $35 WEEKLY addressing envelopes. Our instructions reveal how. Glenway, Box 6568, Cleveland 1, Ohio.

$3.00 HOUR AVERAGE earnings assembling pump lamps sparetime. Simple, easy. Write: Ougor Enterprises, Caldwell, Arkansas.

FREE INFORMATION ON TRAPPING sparrows. Save feed, annoyance. Catch thousands. Write for particulars. Roy Vail, La Grange 61, Indiana.

SAVE! SAVE! SAVE REAL MONEY on hundreds of guaranteed famous brands household and personal items. Free catalog. Okay Products, Lawler 13, Iowa.

MAKE MONEY CLIPPING NEWSPAPERS. Write NEWSCRAFT, SA-983-R. Main, Columbus 5, Ohio.

SEND US RAW WOOL for blankets. Free information. West Texas Woolen Mills, 406 Main, Eldorado, Texas.

EXTRA CASH preparing, mailing postcards. Write: Malone's, Box 43007-G, Los Angeles 43, California.

$2.50 HOUR possible sewing sofa pillow covers sparetime. Write: S-P, Inc., Trilby 6, Florida.

WORLD'S LONGEST LASTING PERFUME! Generous sample 25c. Perfume, Box 285FR, Arlington, N. J.

$CASH, making Artificial Flowers. Free Discount Catalog. Flocraft, Farrell 17, Pa.

QUILT PIECES: Finest cottons. Send for price list. Remnant Roundup, Box 35, Davenport, California.

INTEREST TO ALL

HAND TOOLED, Hand Laced Billfolds $3.50 with Masonic Emblem $4.00. Johnny Bonds, Battey Hospital, Rome, Georgia, Postpaid.

SEWING SUPPLIES

"PEARL SNAPS for Western wear. All styles and colors. Free catalog. Bee Lee Company, Dept. F, Box 13164, Dallas, Texas."

MISCELLANEOUS

NEW! POWERFUL
500 FT. PHONE SET

SAVE NEEDLESS STEPS, just hum and talk. Perfect for communication between office and shop, kitchen to upstairs sickroom or on farm between main house and tenant house, barn or other distant points. Conversation is loud and clear.
250 FT. WEATHERPROOF WIRE. No installation problems—wire is easily strung anywhere—even on the ground for temporary use. More wire can be added for operation up to one mile.
HAS BUILT-IN BUZZER, powered by flashlight batteries which fit in case. Costs nothing to operate. Phones are standard size—designed for one handed talking and listening. Rugged—practically unbreakable.
READY TO USE. Satisfaction guaranteed. Nothing else to buy. Item 321E. Wt. 7 lbs. Spec. Factory price **$10.95**

HEATS INSTANTLY anything from a cup of water to a washtub full . . . much faster than any stove or costly heater. Indispensable for laundry, dishes, baths, etc. Terrific for coffee, tea, soups. Made of unbreakable shock proof "Nylite." Simple and cheap to operate . . . just plug it in. 1200 watts, 115 v. A.C. Money back guarantee. Item 836. Shipped prepaid, only **$3.95**

Send 10c for Big New Catalog. Free with order. Prices f.o.b. Factory. 10 day Money Back Guarantee. Send check or M.O.
MASTER MECHANIC CO., Dept. R-26, Box 65, Sarasota, Fla.

FREE WHOLESALE CATALOG! 100,000 Products . . . Tremendous Discounts! Econ-O-Mart, Whippany 29, New Jersey.

KUDZU: Prices, Government Bulletins . . . KUDZU CENTER, Box 1292, Meridian, Mississippi.

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YOU CAN "FEEL" THE PAIN LEAVING
Try our Alfalfa Tea Analgesic for relief of pains of Arthritis, Rheumatism, Muscular Aches and Pains, even in cold, damp weather.
8 OUNCE BOTTLE $2.00 Postpaid
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Royal Jelly—30-Day Supply—$3.00
H. B. COMPANY **Decatur, Ala.**

SEND US RAW WOOL for blankets. Free information. West Texas Woolen Mills, 406 Main, Eldorado, Texas.

TYPEWRITERS. Adders, Printing, Duplicating Machines, $25.00 Up. DixieGraph, King, North Carolina.

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HOT WATER
Saves Time, Work, Money

Amazing New Portable Pocket-Size Electric Water Heater gives hot water . . . where and when you need it! Place in water and plug in! No fire to build. No hot water to carry. For bathing, washing clothes, dishes, etc. Saves time, work AND money! AC or DC. Just follow SIMPLE DIRECTIONS. Order NOW!
NOW ONLY $1.98
Send No Money Just name and address. Pay postman only $1.98 plus C.O.D. postage. Satisfaction or return in 10 days for money back.
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Pumps Water from Well, Stream Pond; $7.95 to Tobacco Beds, Truck Patches, etc.

Irrigates, drains, sprays, etc. Use 1/6 HP motor or larger. . . . ¾ HP for up to 3,000 GPH; or 1800 GPH from 25' well. 1" inlet; ¾" outlet. Stainless shaft. Won't rust or clog. Coupling free.....$7.95
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Up to 7,500 GPH.....$12.95
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LABAWCO PUMPS, Belle Mead **53, N. J.**

SEPTIC TANKS, CESSPOOLS, OUTDOOR TOILETS. Keep clean and odorless with Northel Septic Tank Reactivator. Bacterial concentrate breaks up solids and grease—prevents overflow, back-up, odors. Regular use saves costly pumping or digging. Simply mix dry powder in water—flush down toilet. Non poisonous, non-caustic. Six months supply only $2.95, postpaid (money-back guarantee of satisfaction), or rush postcard for free details. Northel, FR-2, Box 1103, Minneapolis 40, Minnesota.

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JUST OUT! New 288-page, Illustrated Catalog offering savings up to 50% on over 100,000 auto parts and accessories, many hard to get. All makes (1920 to 1960 models), trucks, foreign and sports cars. Also Hollywood accessories, custom styling, Hi-Speed Equipment. Send 25c for postage, packing—refundable on first order. Whitney, 1919 YB-2 Archer, Chicago 16, Ill.

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WANT PLEASANT OUTDOOR WORK in a business of your own? Good profits selling over 200 widely advertised Rawleigh home-farm necessities. Pays better than most occupations. Hundreds in business 5 to 20 years or more! Products-equipment on credit (U.S. and Canada). No experience needed to start. Write today for full particulars. RAWLEIGH'S, Dept. B-145-FYZ, Memphis, Tenn.

RUN A SPARE-TIME GREETING CARD and Gift Shop at home. Show friends samples of our wonderful new 1960 All-Occasion Greeting Cards and Gifts. Take their orders and earn up to 100% profit. No experience necessary. Costs nothing to try. Write today for samples on approval. Regal Greetings, Dept. 24, Ferndale, Michigan.

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FREE OUTFIT, Christian Items pay you good money spare time. Show friends, neighbors Religious Plaques, Ten Commandments Jewelry, Bibles, Scripture Greeting Cards, etc. Take easy orders, keep 40c of every $1.00, Free Gifts, too. Get Free Outfit, write Friendship House, One Grace Street, Dept. 563DB2, Lynchburg, Va.

MAKE MONEY selling Exclusive Suiting Lengths—3¼ yards—60 wide. Finest Washable Rayon-Dacron Flannels—Gabardines. Tremendous Demand. Basic Swatches 10c, Kroona Fabrics, 2005-RE Taylor, Minneapolis 18, Minnesota.

I'LL SEND YOU full-size famous Blair home products for FREE TRIAL, to help you make more money, spare time or full time. Show friends, neighbors, take easy big orders, make generous profits. Write Blair, Dept. 399DBI, Memphis, Tenn.

CLEANS WINDOWS without mess. Strange "dry" cleaning-cloth. Replaces liquids. Windows gleam. Samples sent on trial. KRISTEE 70, Akron, Ohio.

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$1,000.00 A MONTH for making dramatic 3-second demonstration of amazing lightweight Presto Fire Extinguisher. New chemical used by Airforce, snuffs out fires instantly. Only $4.95. Terrific commissions. Millions want it. Free Kit. MERLITE, 114 E. 32nd, Dept. P-64K, New York 16.

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WILL YOU WEAR NEW SUITS and topcoats without one penny cost and agree to show them to friends? You can make up to $30.00 in a day even in spare time, without canvassing. Pioneer Tailoring Co., Congress & Throop Sts., Dept. B-1226, Chicago 7, Ill.

GET NEW SHIRT OUTFIT FREE: make $90.00 weekly on 5 average orders a day. Famous quality MADE-TO-MEASURE dress and sport shirts at $3.95 up sell fast to all men. No experience needed. Full or part time. Write: Packard Shirt Co., Dept. 123, Terre Haute, Ind.

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NEED MONEY? 100% Profit. Take easy orders for nationally advertised cosmetics colored trade buy on sight. Free offer. VALMOR, Dept. TP, 2451 S. Michigan, Chicago 16.

BUSINESS KIT FREE! Postcard puts you in business! Complete line 230 shoe styles, jackets! New Discoveries pay Big Commissions. No investment. Send for Free Kit. Mason, Chippewa Falls K-301, Wisconsin.

MAKE MONEY: Sell Spray on Auto and Furniture Cleaner and Waxer. Royal Jelly; Arthritis Remedy. Samples $1.00 each. Details Free. H-B Chemicals, Decatur, Alabama.

MAKE MONEY selling sensational DWARF Trees—bear Giant-size Apples, Peaches, Pears. Ornamental. Also Stark-Burbank Standard Trees, Roses, Shrubs, Vines, etc. OUTFIT FREE. Stark, Dept. 30220, Louisiana, Missouri.

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NEED WORKERS? Hard working farmers and ranchers (men only) from Mexico's cool highlands want permanent year around U. S. jobs. Allow three months for worker's arrival. For free information, write: S. D. Corona, Office 17-C, Morelos 516, Guadalajara, Mexico.

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FREE TO WOMEN ONLY. Be a Beauty Advisor. No experience needed. Make 60% profit on famous nationally advertised Hollywood Cosmetics. Demonstrate to friends and neighbors and earn up to $5.00 an hour spare time—$25.00 a day full time. Later you can double your earnings by letting others demonstrate for you. FREE! No charge, now or ever, for actual useable samples of Studio Girl Cosmetics. Send name on postcard to me, Harry Taylor, President, Studio Girl Cosmetics, Dept. 602, Glendale, Calif.

CHRISTIAN ITEMS PAY YOU GOOD MONEY spare time. Show Free Outfit to friends, neighbors, take orders for Religious Plaques, Ten Commandments Jewelry, Bibles, Scripture Greeting Cards, over 70 items. Keep 40c of every $1.00 ordered, get Free Gifts, too. Rush name, address for Free Outfit. Friendship House, One Grace Street, Dept. 563DB1, Lynchburg, Va.

FASHION DEMONSTRATORS—$20-$40 profit evenings. No delivering or collecting. Beeline Style Shows are Party Plan sensation! Samples furnished Free. Beeline Fashions, Bensenville 139, Illinois.

TEAR OUT THIS AD, and mail with name, address for big box of home needs and cosmetics for Free Trial, to test in your home. Tell your friends, make money. Rush name, Blair, Dept. 399DB3, Memphis, Tenn.

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MAKE MOST EXTRA CASH with world's biggest line everyday greeting card assortments, gifts. Introduce friends, neighbors, to over 150 ass'ts., 500 big money-makers. Pocket up to 100% profit plus big cash bonus. Free giant color catalog; samples on approval. Write Style Line, 421 Fifth Ave., S., Dept. 53F, Minneapolis, Minn.

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WANT A GOOD OVERSEAS or Stateside job with higher Pay?? Transportation Paid. Men—Women. Free Information. Employment Headquarters, 79 Wall Street, Dept. J-5, New York 5.

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PROPHET ELIJAH Coming Before Christ. Wonderful Book FREE. R. R. Megiddo Mission, Rochester 19, New York.

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DANCING SHOES—Costumes, Baton Twirling supplies, costume fabrics, catalog 25c. Quincon, Box 422FB, Quincy, Mass.

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AUCTION SCHOOL, Ft. Smith, Ark. Term soon. Veteran approved. Free catalog. Home Study Course.

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HIGH SCHOOL AT HOME in spare time with 62-year-old school. No classes. Standard high school texts supplied. Single subjects if desired. Credit for subjects already completed. Progress at own speed. Diploma awarded. Information booklet free . . . write today! American School, Dept. X232, Drexel at 58th, Chicago 37.

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Big money raising crickets, hybrid red wigglers, and 12 inch African fishworms. We teach you how to raise and where to sell. Free Information. Hybrid breeder red wigglers—$4 per 1,000, 5,000—$17.50. Medium size—10,000, $16.95, postpaid. CARTER WORM FARM, PLAINS, GEORGIA.

$1,000. MONTHLY POSSIBLE, raising Earthworms—African Giants! Backyard, Garage, Basement. Complete Illustrated Booklet, explains raising, feeding, packing, marketing. Send 25c! Ozark Worm Farm-W, Willow Springs, Missouri.

MAKE MONEY RAISING Texas Red Worms $200.00 to $300.00 month Spare Time. Free folder. Complete illustrated book by Shields $2.00. Maxwell, Rt. 2, Irving, Texas.

EARTHWORMS

MAKE MONEY RAISING EARTHWORMS, or be our distributor. Contracts with dealers wanted. Inquire. Scott's Earthworm Ranch, Whitesboro, Texas.

FREE PICTURE FOLDER, "How to Make $3,000 Yearly, Sparetime, Raising Earthworms!" Oakhaven — 39, Cedar Hill, Texas.

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POEMS NEEDED IMMEDIATELY for New Songs and Records. Send your poems today for Free Examination and Appraisal. Songcrafters, Acklen Station, Nashville 12, Tenn.

POEMS WANTED for musical setting and recording by **AMERICA'S LARGEST SONG STUDIO.** Send poems. FREE examination. FIVE STAR MUSIC MASTERS, 627 Beacon Building, Boston.

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ACCORDIONS—Savings to 50%. Free Trail. Trades accepted. Free catalog. Accordion Manufacturers, Dept. 20-FR, 2063 Chicago, Chicago 22, Illinois.

POEMS WANTED for musical setting and recording. Send poems. Free examination. Crown Music Company, 49-F West 32 Street, New York 1.

SONGPOEMS AND LYRICS WANTED. Mail to: Tin Pan Alley, Inc., 1650 Broadway, New York 19, New York.

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WANTED—1822—$5.00 Gold pay $10,000.00. 1913 Liberty Head Nickel $4,000.00. 1894-S Dime $2,000.00. 1876-C. C.—20c Piece $2,000.00. 1901-S—Quarter $75.00-$600.00. 1922—50c—$5.00-$75.00. 1928 Hawaiian 50c—$95.00. 1885 Trade Dollar $1,500.00. Uncirculated Dollars 1804 to 1839, 1893-S, 1895-P, 1903-O—$100.00-$5,000.00. Certain Dates—Lincoln Cents—$125.00; Flying Eagle Cents—$500.00; Indian Cents—$175.00; Half-cents—$900.00; 2c Pieces— $125.00; 3c Pieces—$150.00; Halfdimes—$1,500.00; Dimes before 1942—$500.00; Quarters before 1924—$1,500.00; Half Dollars before 1905—$3,000.00. Hundreds of others worth $10.00—$1,000.00. Canadian Coins, 1921—5c Silver—$100.00. 1889-Dimes—$100.00. 1875 Quarters—$100.00. 1921-50c—$750.00. Wanted—Large Cents, Gold Coins, Paper Money, etc. Know their true value. Purchase Our Large Illustrated Guarantee Buying-Selling Catalogue giving complete all-coin information before sending coins to sell, price $1.00. Catalogue dollar refunded, $20.00 sale. Thousands of persons have sold us coins. Incorporated 1938. Worthycoin Corporation (K-404-C), Boston 8, Massachusetts.

$100.00 for certain Lincoln pennies; Indianheads $125.00. All rare coins wanted. Booklet listing prices, 25c. Lincoln Coins, D-326, Glendale, Arizona.

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$4,000.00 FOR 5c

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$4,000.00 for 1913 Liberty Head Nickel. Uncirculated Dollars 1804—1839, 1893-S, 1895P, 1903-O pay $100.00-$5,000.00. Certain Dates—Lincoln Cents before 1932-$125.00; Flying Eagle Cents—$500.00. Indian Cents—$175.00; Dimes before 1942—$2,000.00; Quarters before 1924—$1,500.00; Half Dollars before 1929—$3,000.00; 2c Pieces—$125.00; 3c Pieces—$150.00; Halfdimes—$1,500.00. Hundreds of others worth $10.00—$1,000.00. Canadian Coins—1921—5c Silver—$100.00. 1875 Quarters—$100.00. 1921—50c—$750.00. Wanted—20c Pieces, Gold Coins, Paper Money, etc. Our Large Illustrated Guarantee Buying-Selling Catalogue, Giving Complete Allcoin Information—send $1.00. Purchase Catalogue before sending coins. Worthycoin Corporation (K-419-C), Boston 8, Massachusetts.

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HIGHEST CASH PAID FOR OLD GOLD, Jewelry, Gold Teeth, Diamonds, Watches, Silver. Mail Articles Today. Information Free. Chicago Gold Refining Co., 6 N. Monroe, Dept. 502, Chicago 3.

GOLD, silver, platinum, diamonds, jewelry, watches, silverware, gold teeth, coins. Highest CASH immediately, free information. Wilmot's, 1067 Bridge, Grand Rapids 4, Michigan.

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HEARING AID BATTERIES at Wholesale Prices. List Sent Free—Thomas, Box 822, Omaha 1, Nebraska.

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GIGANTIC COLLECTION FREE—Includes Triangles—Early United States—Animals—Commemorates—British Colonies—High Value Pictorials, etc. Complete collection plus Big Illustrated Magazine all free. Send 5c for postage. Gray Stamp Co., Dept. FR, Toronto, Canada.

FREE! Ryukyus, Ghana, Israel, Pakistan, Somaliland, others. Approvals. Eastchester Stamps, 2733 Westervelt, Bronx 69, N. Y.

105 DIFFERENT U.S. stamps 25c, Approvals included. Shelron, Box 907-D, New York 8, N. Y.

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FANCY WESTERN SHIRT SNAPFASTENERS. 72 colors and kinds. Fringe, shirtmaking supplies. Free Catalog. Campau Company, Box 2125-F, Castro Valley, California.

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It's a pure delight for those who are interested in needlecraft of all kinds to browse through the colorful pages of our new Needlecraft Book.

Interested in Crochet? In Swedish embroidery? In making dolls and toys? Want to knit a cap for a child? Looking for gift ideas? Or news in aprons, pinafores, embroidered ancls? Christmas ornaments? Dainty decorations for towels? Like to quilt?

The new Needlecraft Book is your answer. A collection of needlecraft masterpieces will give you insiration for months to come. Teeming with ideas, it also contains complete directions for making three beautiful quilts.

Send 25 cents (in coins) for this Needlecraft Catalogue to: FARM AND RANCH, Needlecraft Service, P. O. Box 112, Old Chelsea Station, New York 11, N. Y.

From BILL KENNEDY

The only full-time, resident Washington editor on the staff of any farm magazine

WASHINGTON WIRE

The Joint is Jumping Again

Washington, D.C.—Congress is back. It's always something to watch our national leaders get back in harness—and this time it was "more so."

The lawmakers came in from the grassroots, the banquet circuit, their soapboxes, "hearing" tables and sounding boards—and some from the four corners of the globe, where they had gone to "investigate" (that's short for "travel abroad at the taxpayers' expense") various and sundry world problems in places like the French Riviera.

Always, when they return, the whole pace changes in Washington. You see motorists scurrying around trying to clear out of all the free parking places, which are reserved for "Members." And everybody on the streets is extra careful and a little skittish, in the frightful knowledge that the boys with "immunity" to traffic laws (and other laws) are on the loose again.

It takes more policemen on duty, because now they have to *not* arrest congressmen—and the cops look a little tireder and older at the end of the day.

On the lawmakers' desks they found more than the usual number of pressing problems. And there is extra heat in the handling of them . . . every move has its political importance because of the up-coming national election. What's more, the legislators need to get their work done in shorter order than usual so they can have at the business of the campaign.

(Usually they hurry to finish before the children go back to schools and colleges in the fall, so they can have a family vacation; but this spring they may beat the schools at turning out . . . Which will make you wonder why they couldn't do that every year—and save a few billion.)

Among the thousands of problems to be faced are the likes of steel strikes, Civil Rights, Food For Peace, pay raises for government workers (election year again), bad boys in TV, the space race, Food and Drug laws, social education and arrangement of the Russo-American social calendar.

As far as farming goes, the main efforts will be on Food For Peace (PL-480, plus), a giant Soil Bank (conservation reserve) and wheat.

The need for a new wheat law is even more glaring than before if you take the time to see who's getting the government money. It is not telling the whole story to say wheat produces only 6% of the income from farm product sales, and gets 30% of the money spent to "stabilize" prices. Nor is it all to point out that 37.5% of CCC's investment is in wheat.

These facts make a sorry story without any help—but the further you go the worse it gets. For example, 10% of the wheat farmers produce 55% of the wheat . . . and get 55% of the price support money. This means 140,000 big wheat growers get 16.5% of the money spent on price supports for *all* the crops—and they represent less than 3% of the farmers. This is a program for *small* farmers?

Step-up in the Soil Bank action may be in for some rough sledding. Democrats claim the Republicans used big Soil Bank payments to their own advantage in the fall election of 1956. And they don't want it to happen again.

Senator Richard Russell (D-Ga.) and Rep. Jamie Whitten (D-Miss.) are not widely known for their great generosity when it comes to passing out aid and comfort to the enemy. And they are the respective chairmen of the Senate and House Agricultural Appropriations Committees. Before big rental agreements and checks can be passed out next fall, the money first has to be appropriated by Congress.

If you assume the vote hunters are trying to give farmers what farmers want, they must be misled by the "squeaking wheels."

At an open session on resolutions at the American Farm Bureau convention in Chicago about 75% of the farmers in the packed auditorium applauded and cheered speakers who talked *less* subsidy and government controls . . . And, while those who called for "more government" spoke louder and longer, it was easy to see that they had the sympathy of no more than a fourth of the crowd. (Resolution later passed confirmed it.)

The Socialists may discount this reaction on the grounds that this group was "conditioned" by Farm Bureau propaganda. But it's interesting to note that it firmly supports the survey made by FARM AND RANCH some months ago—and a later one conducted nationally by another farm magazine.

Just because there are many farmers "against" Ezra Benson, the *man,* does not mean they are against all he stands for. Many of them don't want socialized agriculture any more than he does.

Most of Agriculture is agreed that Secretary Flemming (HEW) showed his stupidity in the handling of the cranberry and poultry condemnations. It could have been done without all the panic. But the truth is, farm folks don't reflect the reaction of the general public in this case.

A big majority of the mail and other response coming to Food and Drug Administration—and to the Department of Agriculture—is saying, in brief, "more power to Flemming."

After his political press conference on poultry, headlines in newspapers here the next day said "Keep Buying Poultry . . . It Won't Give You Cancer." (It was like turning a bulldog loose in your yard and putting up a sign: "Come On In . . . He May Not Cut Your Throat.")

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